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U. S. Department of Agriculture

**SPRING  
1943**



DELPHINIUM. Blue Mirror. Trade pkt., 50c;  
1/8 oz., \$1.00.

# Vaughan's BOOK for FLORISTS

CHICAGO, 601 W. JACKSON BOULEVARD — NEW YORK, 47 BARCLAY STREET



CHRYSANTHEMUM. Vaughan's Rainbow Mixture.  
Trade pkt., 30c; 1/4 oz., 60c; oz., \$2.00.

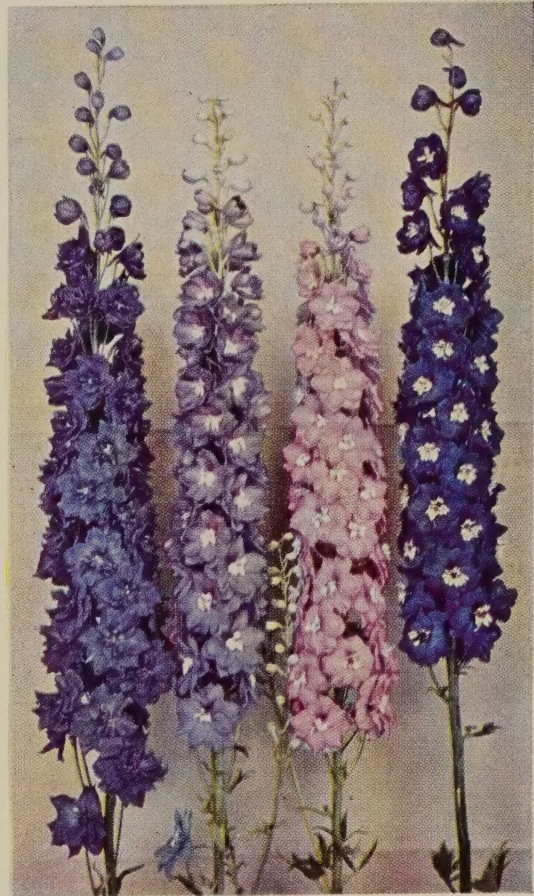
**67<sup>th</sup>  
YEAR**



# New Strains Selected for Florists



**SWEET WILLIAM Homeland.** Large trusses of bloom of a most unusual color, dark rich red with a large sharply defined clear white center. Plants sell on sight when in bloom, besides giving splendid cutting material at a time when annuals are not yet in flower. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.00.



1 2 3 4

## DELPHINIUM

**PACIFIC GIANT** (Vetterle and Reinelt). This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

**Blue Jay.** Medium to dark blue with dark bee. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.00; oz., \$14.00. No. 1.

**Carneliard Series.** This is a pure lavender self, with white bee, the individual flowers are very round and flat. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.00; oz., \$14.00. No. 2.

**Guinevere.** Light pink lavender self with white bee. Individual floret  $2\frac{1}{2}$  to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.00; oz., \$14.00. No. 3.

**King Arthur.** Brilliant royal violet with large white bee. Individual florets  $2\frac{1}{2}$  inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.00; oz., \$14.00. No. 4.

**Round Table Series.** As the name implies this represents all of the color combinations of the above Knights and their Ladies. This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.00; oz., \$14.00.

For other varieties see body of catalog.



**SAPONARIA VACCARIA ROSE.** A fine annual for cutting. Sometimes called "Pink Gypsophila." Light graceful sprays of glistening pink flowers produced in greatest profusion. Sow at intervals during the summer for continuous supply. This picture was taken by us last summer and the flowers remained afterwards in our office for several days in good condition. Oz., 15c;  $\frac{1}{4}$  lb., 45c.







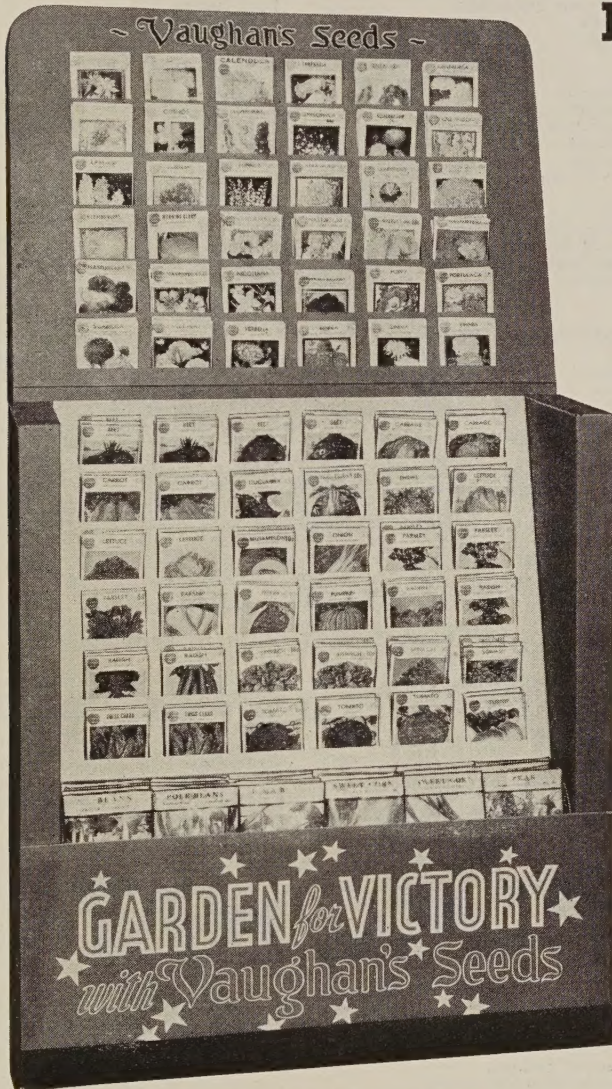




# Sell Vaughan's Vegetable Seeds

## • FOR VICTORY GARDENS •

Sales of vegetable seeds doubled in 1942, and in 1943 they are expected to double again. Millions of gardeners who have grown only flowers will make a place for vegetables in 1943; and you must have vegetable seeds to sell. If not, they will take their trade elsewhere. Our assortments include both vegetable and flower seeds.



OUR RED, WHITE AND BLUE RACK FOR 1943

### Red, White and Blue Display

We shall continue to use for 1943 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The slogan on the lower panel has been changed to read "Garden for Victory with Vaughan's Seeds." The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a brilliant eye-catching combination and will give your store a patriotic atmosphere.

Design and construction of the rack will otherwise follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets.

**Our New Packets.** All flower seed packets of 1943 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

**Brilliantly Colored Posters and Streamers.** Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

## Sign and Mail Now! To Get Vaughan's Seeds Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

Flower and Vegetable       Flower Seed Only

19

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1943.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name \_\_\_\_\_

Your Address \_\_\_\_\_

Sign here \_\_\_\_\_



# BUYERS: Give this Check List the "Once Over" When Ordering

## ITEMS TO START IN JANUARY

**FLOWER SEEDS**  
**Agathe** (for cutting)  
**Ageratum** (Spring plants)  
**Antirrhinum** (for cutting)  
**Asparagus Sprengeri**  
**Plumosus Nanus**  
**Balsam** (Bush var.) (for pot culture)  
**Begonias** (Spring plants)  
**Browallia** (for pot culture)  
**Calendulas** (for cutting)  
**Candytuft** (for cutting)  
**Campanula** (Annual, for pot culture)  
**Carnation** (Annual, for plants)  
**Centaurea Candidissima** (Dusty Miller)

**Gymnocarpa** (Dusty Miller)  
**Cyanus Cornflower** (for cutting)  
**Chrysanthemum** (Annual cutflower)  
**Cineraria Maritima** (Dusty Miller)  
**Clarkia** (for cutting)  
**Cobaea Scandens**  
**Coleus Glory**  
**Cuphea** (for plants)  
**Cynoglossum** (for cutting)  
**Dahlias Unwin** (fine pot plants) (plant tubers for Mother's Day)  
**Daisy Bellis** (B)  
**Dracaena Indivisa** (for pot plants)  
**Gloxinia** (for pot culture)  
**Gypsophila** (Annual)  
**Impatiens** (Fine for shade)  
**Kalanchoe** (for pot plants)  
**Larkspur** (Annual, for cutting)  
**Leptosyne** (for cutting)  
**Lilium Praecox** White Queen (for spring 1944)

**Lilium Creole X White Queen Hybrid**  
**Linaria** (for combination)  
**Lobelias** (Spring plants)  
**Lupins** (Annual, for cutting)  
**Marigolds Dwarf** (for combination)  
**Matricaria Golden Ball** Pots and bedding  
**Mimulus** (for pot culture)  
**Nemesia** (for combination)  
**Nierembergia Hippomanica** (for pot culture)

**Pansies Super Maple Leaf Giants** Mixed Largest Super Swiss Giants (color range, size, earliness)  
**Petunias All Double**  
**Phlox** (Dwarf varieties for combinations)  
**Salpiglossis** (for cutting)  
**Salvia** (for plants)

Planted in January	Benching	Blooming	Culture
Agathe	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	Aug.-Dec.	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench. One pinch.
Centaurea Cyanus	Feb.	April	
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench. Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August culture.
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	
Lilies Shangri La	Jan. 1	April 15	50°-55°
Lilies Shangri La	Jan. 15	May 1	50°-55°

## ITEMS TO START IN FEBRUARY

**FLOWER SEEDS**  
**Ageratum**  
**Antirrhinum** (Tom Thumb for combinations)  
**Asparagus Plumosus Nanus**  
**Asparagus Sprengeri**  
**Asters** (for forcing)  
**Calendula**  
**Campanula Annual**  
**Candytuft** (Dwarf for combinations)  
**Carnation Annual** (for plants)  
**Centaurea Cand.** (Dusty Miller)  
**Centaurea Cyanus**  
**Dahlias Unwin** (Fine pot plant)  
**Dracaena Indivisa**  
**Gypsophila Annual**  
**Larkspur**  
**Lilium Praecox** White Queen (for spring 1944)  
**Lilium Creole X White Queen Hybrid**  
**Linaria** (for combinations)  
**Marigold** (Dwarf for combinations)

**FLOWER SEEDS—Continued**  
**Schizanthus** (Vaughan's Master-piece)  
**Smilax**  
**Solanum** (Xmas Cherry or Pepper)  
**Stocks Column and Branching**  
**Strawberries** (Baron Solemacher)  
**Streptocarpus** (Pot plant)  
**Sweet Peas** (Early Spencer and Intermediate)  
**Torenia Fournieri** (for pot culture)  
**Verbena Dwarf** (for combinations)  
**Vinca Rosea** (plants)

**GREENHOUSE**  
**Azaleas**  
**Ageratum R.C.**  
**Carnation R.C.**  
**Geraniums 2 1/4"** or R. C.  
**Hydrangea R.C.**  
**Cyclamen Seedlings**  
**Fancy Leaved Caladiums**  
**Lantana 2 1/4"**

**BULBS**  
**Amaryllis**  
**Begonias** (Tuberous Rooted)  
**Gladiolus**  
**Gloxinias** (Tuberous Rooted)  
**Lilies Shangri La**  
**Tuberoses**

**SUPPLIES**  
**Aluminum Phosphate**  
**Bamboo Stakes**  
**Bone and Blood**  
**Formaldehyde Dust**  
**Handy, Sowrite Seed Model**  
**Hormodin**  
**Horn Shavings**  
**Hose Couplings**  
**Loma**  
**Nikoteen**  
**Paper Pots**  
**Flower Boxes**  
**Peat Moss**  
**Pot Labels**  
**Rootone**  
**Red Arrow**

**VEGETABLE SEED**  
**Cabbage**  
**Cauliflower**  
**Celery**  
**Egg Plant**  
**Parsley**  
**Pepper**  
**Radish**  
**Tomatoes**

**VEGETABLE SEED**  
**Culture**  
 Pinch February 15th.  
 Sow directly in flats, bench. One pinch.  
 Grow 2" or shallow flats. Poor soil. Grow under partial shade.  
 Sow directly in flat or bench. Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M. Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.  
 Keep bushy. Pinch March. Grow below 50°. See August culture. Pinch March. Do not pinch later than July 1.  
 50°-55°  
 50°-55°

**Maurandia** (Vine for shady window boxes)  
**Mignonette** (for cutting)  
**Mimulus** (for pots)  
**Nasturtiums** (Double flowering for cutting)  
**Nemesia** (Combination)  
**Nierembergia Hippomanica**  
**Petunias**  
**Phlox** (Dwarf varieties for combinations)  
**Primula Obconica**  
**Salpiglossis** (for cutting)  
**Salvia** (for plants)  
**Stocks** (Column and branching)  
**Streptocarpus** (Pot plant)  
**Sweet Peas** (Late varieties)  
**Thunbergia** (Vine)  
**Torenia** (for pot plants)  
**Verbena** (Spring plants)  
**Vinca Rosea** (plants)  
**Zinnia** (for cutting inside)

## ITEMS TO START IN FEBRUARY—Continued

**GREENHOUSE**  
**Azaleas**  
**Lantana 2 1/4"**  
**Hydrangea R.C.**  
**Geranium 2 1/4"** or R. C.  
**Chrysanthemum R.C.**  
**Carnation R.C.**  
**Vinca R.C.**  
**Fancy Leaved Caladiums.**  
**Ageratum R.C.**  
**Verbena R.C.**  
**Cyclamen Seedlings**  
**Cannas**  
**Dahlia**

**BULBS**  
**Amaryllis**  
**Begonias**  
**Caladiums Esculentum**  
**Gladiolus**  
**Gloxinias**  
**Lilies Shangri La**

**SUPPLIES**  
**Arsenate of Lead**  
**Bone & Blood**  
**Bone Meal**  
**Evergreen**

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	
Lilies Shangri La	Feb. 1	May 15	50°-55°
Lilies Shangri La	Feb 15	June 1	50°-55°

**SUPPLIES—Continued.**  
**Florafoil**  
**Hormodin**  
**Loma**  
**Match Sticks**  
**Paper Pots**  
**Picks**  
**Red Arrow**  
**Semesan**  
**Bamboo Stakes**  
**Snarol**  
**Soil Tester**  
**Vigoro**

**VEGETABLE SEED**  
**Cabbage**  
**Cauliflower**  
**Celery**  
**Egg Plant**  
**Endive**  
**Lettuce**  
**Mushroom Spawn**  
**Onion**  
**Onion Sets**  
**Parsley**  
**Pepper**  
**Radish**  
**Tomato**

## ITEMS TO START IN MARCH

**FLOWER SEEDS**

**Alyssum**  
**Antirrhinum** (for plants)  
**Asparagus Plumosus Nanus**  
**Asparagus Sprengeri**  
**Asters** (for forcing)  
**Calendula**  
**Clarkia** (for cutting)  
**Celosia** (Dwarf for combinations)  
**Centaurea Cyanus** (outside)  
**Dahlias Unwin** (Fine pot plant)  
**Dimorphotheca** (for plants)  
**Gerbera** (Transvaal Daisy)  
**Gomphrena** (Combination pots)  
**Grevillea Robusta** (Filler)  
**Gypsophila** (A) For cutting  
**Ipomoea Clark's** Early Heavenly Blue.  
**Larkspur** (outside)  
**Lupinus** (Annual)  
**Marigolds**  
**Mesembryanthemum** (pots)  
**Nasturtiums**  
**Petunias**  
**Phlox** (Dwarf varieties for combinations)  
**Primula Obconica**  
**Primula Sinensis**  
**Salpiglossis**  
**Salvia**  
**Solanum** (Xmas Cherry or Pepper)  
**Statice Sinuata**  
**Sweet Peas** (outside)  
**Ursinia** (plants)  
**Venidium** (plants)  
**Verbena**  
**Zinnia** (for cutting inside)

**VEGETABLE SEED**

**Beans**  
**Carrots**  
**Onion Sets**  
**Peppers**  
**Radish**  
**Spinach**  
**Turnip**

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Dec. and later	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.
Lilies Shangri La	March 1	June 10	50°-55°
Lilies Shangri La	March 15	June 25	50°-55°

**SUPPLIES**

**Bamboo Stakes**  
**Bone Meal**  
**Bull Dog Clips**  
**Chip Mats**  
**Crepe Paper**  
**Cyanogas**  
**Flower Boxes**  
**Flower Potfoil**  
**Glazine Material**  
**Labels**  
**Loma**  
**Match Sticks**  
**Nicofume**  
**Pot Tie**  
**Raffia**  
**Red Arrow**  
**Soil Tester**  
**Stake Fasteners**  
**Tinsel Ribbon**  
**Twine**

**GREENHOUSE**

**Azaleas**  
**Buddlea**  
**Cannas**  
**Dahlias**  
**Chrysanthemum R.C.**  
**Daisy Chiffon**  
**Fancy Leaved Caladiums**  
**Geraniums 2 1/4"** or R. C.  
**Hydrangea R.C.**  
**Tritoma**

**BULBS**

**Begonias**  
**Caladiums Esculentum**  
**Cinnamon Vines**  
**Gladiolus**  
**Gladiolus Display Case**  
**Gloxinias**  
**Ismene**  
**Leucocoryne**  
**Lilies Shangri La**  
**Madeira Vines**  
**Montbretias**  
**Ranunculus**  
**Tuberoses**

**GRASS SEED**

**Planted in March**  
**Antirrhinum**  
**Asters**  
**Gerbera**  
**Primula Obconica**  
**Primula Sinensis**  
**Zinnias**  
**Begonias (bulbs)**  
**Gloxinias (bulbs)**  
**Lilies Shangri La**  
**Lilies Shangri La**



# Give this Check List the "Once Over" When Ordering

## ITEMS TO START IN APRIL

### FLOWER SEEDS

- Asparagus Sprengeri
- Plumosus Nanus
- Asters (for forcing)
- Balsam Bush var.
- Calendula
- Celosia
- Centaurea Annual Sorts
- Cosmos
- Delphinium (P)
- Dianthus Annual Pinks
- Euphorbia Variegata (for cutting filler)
- Freeseias (Sow in flats will bloom in Jan.)
- Gaillardia (A) (Spring plants)
- Gypsophila (A) (for cutting)
- Ipomoea Heavenly Blue (Clark's early)
- Lupinus (A) (Annual)
- Marigolds (Spring plants)
- Nasturtiums
- Nicotiana
- Primula Obconica
- Primula Sinensis
- Saponaria "Pink Gypsophila"
- Scabiosa (for cutting)
- Statice Sinuata
- Strawflower Helichrysum
- Zinnia (for cutting inside)

### VEGETABLE SEED

- Asparagus Roots
- Kohlrabi
- Onion Sets

### GRASS SEED

### ROSES

### GREENHOUSE

- Azaleas 2 1/4" and up for growing on
- Buddlea
- Cannas
- Chrysanthemum R.C.
- Cyclamen Seedlings
- Dahlias
- Daisy Chiffon
- Delphinium
- Geraniums 2 1/4" or R. C.
- Hydrangeas
- Tritoma

### SUPPLIES

- Chip Mats
- Bamboo Stakes
- Insecticides (resale)
- Loma
- Peat Moss

### BULBS

- Anemone
- Begonias
- Gladiolus
- Gloxinias
- Lilium Shangri La
- Ornithogalum
- Rannunculus
- Tigridias
- Tuberoses

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Mums. R.C. & Poms	June	Oct.-Dec.	
Mums. R.C. & Poms	June	Dec.-Feb.	Lights started Aug. 10. Use only for 1/2 hour at midnight.
Garza and late Poms. R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	
Lilium Shangri La	April 1	June 25	
Lilium Shangri La	April 15	July 10	

## ITEMS TO START IN MAY

### FLOWER SEEDS

- Antirrhinum Ghse. var.
- Asparagus Plumosus Nanus
- Asparagus Sprengeri
- Calendula (outside for cut)
- Campanula medium sorts (B)
- Delphinium (P)
- Digitalis (B)
- Forget-me-not (For Jan. flwg. Early Blue Bird)
- Freeseias (Sow in flats will boom in Jan)
- Gourds (Start in pots)
- Gypsophila (A) (for cutting)
- Lupinus Annual (outside)
- Primula Malacoides
- Primula Obconica
- Scabiosa (outside for cutting)
- Zinnias (outside for cutting)

### BULBS

- Gladiolus
- Ismene
- Tuberoses
- Lilium Shangri La

### SUPPLIES

- Bamboo Stakes
- Bone & Blood
- Bone Meal
- Cyanogas
- Galvanized Wire Stakes
- Insecticides (resale)
- Loma
- Nicofume
- Raffia
- Red Arrow
- Sheep Manure
- Volck

### GREENHOUSE

- Azaleas 2 1/4" and up for growing on
- Begonias 2 1/4"
- Chrysanthemum R.C.
- Geranium R.C.
- Poinsettia Stock Plants

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Poinsettias	Make cuttings in	July-Aug.	Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Poms. R.C.	Early-Mid. July	Jan.-Feb.	
Late Mums	Early-Mid. July	Dec.-Feb.	
Lilium Shangri La	May 1	July 15	
Lilium Shangri La	May 15	July 25	

## ITEMS TO START IN JUNE

### FLOWER SEEDS

- \*Achillea (P) (Tall cutting varieties)
- Alyssum Saxatile (P)
- \*Anthemis (P) (for cutting)
- Antirrhinum (Greenhouse var.)
- \*Aquilegia
- Arabis (P)
- Asparagus Plumosus Nanus
- Asparagus Sprengeri

### FLOWER SEEDS—Continued

- \*Asters (Perennial varieties)
- Aubrietia (P)
- Begonias (for Xmas plants)
- Calceolaria
- Campanula Calycanthema (B)
- Candytuft
- \*Carnation (P)
- Cineraria

## ITEMS TO START IN JUNE—Continued

### FLOWER SEEDS—Continued

- \*Coreopsis (P)
- Cyclamen
- \*Centaurea (P)
- \*Daisy Shasta (P) Single & Double
- \*Delphinium (P)
- \*Dianthus Barbatus (B)
- Digitalis (B)
- \*Doronicum (P)
- Dracaena Indivisa
- Gloxinia (for pots)
- \*Gaillardia (P) (for cutting)
- \*Gypsophila (for cutting) (A)
- \*Helenium (P) (for cutting)
- Helianthemum (P)
- Heuchera (P)
- Lunaria (P)
- \*Lupinus (P) (Annual and Perennial)
- Lychnis (P)
- \*Matricaria (P)
- Primula Chinese (pots)
- Primula Malacoides (pots)
- Primula Obconica (pots)
- \*Pyrethrum (P) (for cutting)
- \*Scabiosa Caucasica
- Statice (P)
- Sweet Peas (early Flwg.)
- Wallflower

### FLOWER SEEDS—Continued

- \*Starred perennial varieties are valuable for cutting besides plant sales.
- (A) means Annual; (B) means Biennial; (P) means Perennial.

### BULBS

- Gladiolus
- Lilium Shangri La

### GREENHOUSE

- Bouvardia 2 1/4"
- Chrysanthemum R.C.
- Gaillardia Sun God
- Table Fern Seedlings

### SUPPLIES

- Bone Meal
- Hose & Couplings
- Insecticide Refills
- Loma
- Nicofume
- Bordeaux Mixture
- Pomo Green
- Red Arrow
- Sulfate of Aluminum
- Super Phosphate
- Vigoro

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings	June 15	Aug. Jan. & later	
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.
Lilium Shangri La	June 1	Aug. 10	
Lilium Shangri La	June 15	Aug. 25	

## ITEMS TO START IN JULY

### FLOWER SEEDS

- Agatheia (Blue Daisy)
- Anchusa (P)
- \*Anthemis (P)
- Antirrhinum
- Armeria (P)
- Asparagus Plumosus
- Asparagus Sprengeri
- Begonia (for Xmas plants)
- Bellis (B)
- Calceolaria
- Calendula
- Campanula (B)
- \*Centaurea Perennial vars.
- Cineraria
- Clarkia
- Cyclamen
- \*Daisy Shasta (Single & Double)
- \*Delphinium (P)
- Dianthus Plumarius
- Didiscus Coeruleus Improved
- Digitalis (B)
- Dracaena Indivisa
- \*Gaillardia (P)
- \*Geum (P)
- Gypsophila
- \*Helenium (P)
- Heuchera (P)
- Hollyhocks (P)
- \*Liatris (P)
- \*Lupinus (P)
- Lychnis (P)
- Marigold (Ghse. var.)
- \*Matricaria (Feverfew)
- Mignonette
- Myosotis (P)
- Nasturtiums
- Pansies (outside for spring plants)
- Pansies (Greenhouse long stem var.)

### FLOWER SEEDS—Continued

- Platycodon (P)
- Poppy (P)
- Primula Malacoides
- Primula Obconica
- Primula Sinensis
- \*Pyrethrum (P)
- Salpiglossis
- \*Scabiosa (P)
- Schizanthus
- \*Statice (P)
- Stocks
- Sweet Pea (Early)
- \*Sweet William (B)
- \*Tritoma (P)
- Veronica (P)
- Viola (B) (Spring plants)
- \*Starred perennial varieties are valuable for cutting and plant sales.
- (A) means Annual; (B) means Biennial; (P) means Perennial.

### BULBS

- Gladiolus
- Lilium Shangri La
- Hardy Lilies
- Fall Flowering Crocus

### SUPPLIES

- Bone Meal
- Hose & Coupling
- Red Arrow
- Sphagnum Moss
- Vigoro

### GREENHOUSE

- Table Fern Seedlings

Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 sets of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15.	Xmas & later	Use early var. Grow below 50° for setting buds.
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.
Lilium Shangri La	July 1	Sept. 5	Start 50° until 4 in.
Lilium Shangri La	July 15	Sept. 20	Start 50° until 4 in.



# Vaughan's Novelties and Specialties for 1943



PETUNIA. All-Double America

## ALL-AMERICA WINNERS

### PETUNIA All-Double America. Silver Medal All-America 1943.

America is the all-double type, of medium size, carnation-flowered, and rose-pink in color, somewhat a reminder of the color of Gladiolus America, which for many years was our most popular Glad. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts, for bedding and cutting. It is uniform and true. 200 seeds, 75¢; 500 seeds, \$1.75; 1000 seeds, \$3.00; ¼ oz., \$11.00.

**MARIGOLD, Sunkist.** Silver Medal All-America 1943. It is a dwarf, compact, very early, continuous blooming, double French Harmony type. It comes practically true, 6 to 12 inches tall, and the many attractive flowers are to 1½ in. across. For bedding, edging and pot-culture. Companion variety for the already popular Butterball. Trade pkt., 35¢; ¼ oz., 70¢; oz., \$2.40.

**PETUNIA Igloo.** Bronze Medal All-America 1943. A new extra compact white Petunia. The chief advantages of this new Petunia are its free blooming habit and its compact and uniform growth. The flowers are medium size, pure white with a slight yellowing in the throat, and are 100% true. Every flower is just exactly alike. The fact that the plant remains so uniformly compact throughout the entire season (if the soil is not too rich) makes it ideal for borders. Every plant is a perfect mound of white 8 to 10 inches high, reminding one of an Eskimo igloo. Trade pkt., 50¢; ½ oz., \$1.00.

**ASTER, Extra Early Giant Crego, Navy Blue.** Honorable Mention All-America 1943. First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. ⅛ oz., 50¢; ¼ oz., 85¢; oz., \$2.50.

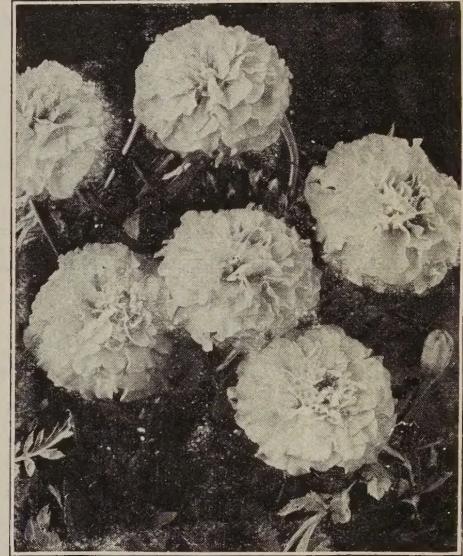
**ASTER Victory Giants Mixed.** All-America Honorable Mention 1943. This is an extra early Giants of California Type. It has strong straight cutting stems on sturdy branching plants 3 feet tall. Crown flowers average 5 inches across, and colors include salmon pink not found in the California type and are with out reds. Trade pkt., 50¢; ¼ oz., \$1.25; oz., \$4.00.

**COSMOS, Giant Sensation, Dazzler.** Honorable Mention All-America 1943. Very rich, deep amaranth crimson, 3 to 4 inch flowers on plants from 30 inches as they start blooming to an ultimate 5 to 6 feet. The flower size, color shades and a few plants showed variance in the trials, chiefly showing with the few taller, later blooming plants. Trade pkt., 25¢; ¼ oz., 55¢; oz., \$1.80.

**PETUNIA, English Violet.** Honorable Mention All-America 1943. This rosy mauve-violet or purple-violet, medium-sized, hybrida nana variety brings a distinct new color to this class. With the habit of Blue Bedder, this very free-flowering plant of 12 to 15 inches is true and uniform. Trade pkt., 50¢.



ASTER. Extra Early Giant Crego, Navy Blue



MARIGOLD. Sunkist

## AGERATUM

**Dwarf Blue Bedder.** The average height of Dwarf Blue Bedder is four inches. The habit of growth is uniform, and the compact little plants are alive with large clusters of deep lavender-blue flowers. The coloring is richer and deeper than that of Blue Ball Improved. Ideal as an edging or low border. Trade pkt., 50¢; ¼ oz., \$1.25; oz., \$4.00.

**Golden Ageratum.** This is called an Ageratum, as the effect of fluffy golden balls, carried in many close clusters, resembles the perennial ageratum, but this is an annual whose botanical name is Lonas Inodora. 12 in. Trade pkt., 50¢.

**ANTIRRHINUM Majus Grandiflorum Rust Resistant Reveille.** 22 in. Softly tinted by the golden rays of an early sunrise, Reveille is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon yellow. Base branching habit, each plant producing several large spikes of bloom. Trade pkt., 50¢.

**ASTER Giant Harmony.** Fine new florist type, long stems, basal branching 4 to 4½ in. flowers with quilled centers.

**Moonlight.** (Azure Blue) **Sunrise.** (Soft apricot pink)

**Morning Mist.** (Mid Blue)

Each of the above: Trade pkt., 30¢; ¼ oz., 60¢; oz., \$2.00.

## BEGONIA SEMPERFLORENS

**Ile de France.** The best white. The foliage is identical to Christmas Cheer, only light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form, not to exceed 12 in. in height and approximately the same width. Trade pkt., \$1.00; ¼ oz., \$2.00.

**Masterpiece.** One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage. Trade pkt., \$1.00.

**Snow.** Pure white blossoms, green foliage. Trade pkt., \$1.00; ¼ oz., \$2.00.

**CALENDULA Giant Glowing Gold.** 2½ ft. Vivid color coming between gold and orange which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems. Trade pkt., 25¢; ¼ oz., 40¢; oz., \$1.20.

**CALENDULA Orange Fluffy.** 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3½ inches, semi-double, with petals increasingly erect towards the center. Flowers profusely on long, strong stems. Trade pkt., 25¢; ¼ oz., 50¢; oz., \$1.40.

**CARNATION Super Giant Mixed.** A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. Very double and strongly close scented. Trade pkt., 50¢; ¼ oz., \$1.45; oz., \$5.00.

**CELOSIA Gilbert's Maple Gold.** The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. Trade pkt. (300 seeds), 50¢.



## CHRYSANTHEMUM

**Maximum Fringed Semi-Double and Double.** The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. Trade pkt., 50c; ¼ oz., 90c; oz., \$3.00.

**Carinatum Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cut-flower this lovely Chrysanthemum will prove of outstanding value. See front cover for illustration. Trade pkt., 30c; ¼ oz., 60c; oz., \$2.00.

**Goldwings.** Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season. Trade pkt., 25c.

**CLEOME Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink. The large flower bracts turn to white before falling, giving an appearance of a white collar with a pink cap. Reaches over 4 feet, well branched airy foliage, blooming from June until frost. Trade pkt., 35c; ¼ oz., 75c; oz., \$2.40.

**COLEUS Glory.** A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain, it is unequalled for the beautiful form and coloring of its large leaves. Sow seed January 1st for Memorial Day plants. Trade pkt., 75c.

**COSMOS Yellow Flare.** Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow, described as golden yellow by some judges. Even more striking in color, 3 to 4 feet tall, and an excellent garden flower. Free blooming on long wiry stems, airy serrated foliage. Trade pkt., 20c; ¼ oz., 40c; oz., \$1.20.

**DAHLIA Unwin's Dwarf Hybrids.** XXX Strain. The plants are dwarf, semi-double flowers of the most attractive form in fine range of color. Seed sown in March, plants will be in bloom by end of June. Seed sown in January and early February and grown cool will make fine plants for Mothers' Day. These dwarf Dahlias are very popular for border planting and bedding work. Trade pkt., 25c; ¼ oz., 65c; oz., \$2.20; 4 oz., \$6.50.

**DIANTHUS BARBATUS (Special) Giant White.** Enormous trusses of bloom. Pkt., about 200 seeds, 50c; 3 pkts. for \$1.40.

**DIANTHUS Heddewigii Gaiety.** Very large, showy fringed flowers; wide range of lovely colors, pure white to crimson. Trade pkt., 35c; ¼ oz., 65c; oz., \$2.00.

**DIMORPHOTHECA Glistening White.** 6 to 8 in. The flowers are large, 4 in. across, the purest of all white flowers with a violet halo around its black center. Easy to grow, has a long season of bloom. Trade pkt., 25c; ¼ oz., 70c; oz., \$2.40.

**DELPHINIUM BLUE MIRROR.** This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal disposition. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. See front cover for illustration. Trade pkt., 50c; ¼ oz., \$1.00.

## FREESIAS

Sow seed in cold frame in middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. Lift plants in the middle of Sept. Will flower in January with large blooms on long stems.

**Buttercup.** A good yellow. 100 seeds, 75c; 1000 seeds, \$5.60.

**Princess Mary.** Blood red. 100 seeds, 50c; 1000 seeds, \$2.60.

For other varieties see General List.

**GAILLARDIA Sunshine.** Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall. Trade pkt., 25c; ¼ oz., 65c; oz., \$2.20.

**HELIANTHUS Sun Gold.** Brilliant golden yellow large double globe shaped flowers. Free blooming, 100% double, even and true shape. 4 to 5 ft. Trade pkt., 15c; ¼ oz., 25c; oz., 80c.

## KALANCHOE

**Gold Hybrids.** The first yellow Kalanchoe. It contains all shades from yellow to orange. The flowers are as durable as those of the type but twice as large and are borne in clusters on stiff stems. Trade pkt., \$1.25.

**Tom Thumb.** A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelop the entire plant. 1000 seeds, \$1.25; ¼ oz., \$5.00.

KALANCHOE—Continued

**Hybrida Flame.** In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes. Pkt., \$1.25.

**LIATRIS Scariosa, September Glory.** A giant 6-foot spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00.

## LARKSPUR

**Super Majestic.** A valuable addition to the Larkspur family. Flowers are large, fully double and closely packed in long spikes. The long tapering laterals branch from the base of each plant and grow close to the main stem. The height when well grown is more than five feet. The vigorous growth and abundance of blossom makes Super Majestic valuable to florists.

**Super Majestic Lavender.** Trade pkt., 35c; ¼ oz., 50c; oz., \$1.65.

**Super Majestic Rose Pink.** Trade pkt., 35c; ¼ oz., 50c; oz., \$1.65.

**Super Majestic White.** Trade pkt., 50c; ¼ oz., 75c; oz., \$2.70.

**Empress Rose Bud.** 33 in. The plants are bushy, semi-dwarf in habit and require no support for their heavy trusses of flowers. Rose Bud is a deep salmon pink color with extremely double flowers. Trade pkt., 35c; ¼ oz., 50c; oz., \$1.80.

**LILY Creole X White Queen Hybrid.** A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen. Lilies are easily raised from seed with care and patience. Trade pkt., \$1.25; ½ oz., \$2.80; ¼ oz., \$5.00; oz., \$15.00.

## MARIGOLD

**Dwarf Chrysanthemum-flowered, Golden Bedder.** A very early variety, and of uniform habit. Plants form symmetrical mounds, covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type petals or miniature flowers. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80.

**Dwarf French Double, Melody.** Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer, except in the most northern locations. Valuable for commercial use. Trade pkt., 25c; ¼ oz., 45c; oz., \$1.60.

**Dwarf French Double, Butterball.** Most attractive, very compact, Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Rich, dense foliage, well covered with small 1¼ inch blooms. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80.

**Dwarf Gigantea, Pot O'Gold.** 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80.

**Mission Giant, Yellowstone.** Bright rich clear yellow counterpart to Goldsmith, with large, 2½ inch flowers, on luxurious, large plants. Late blooming and lasting until frosts. Flowers are of double, incurved, Chrysanthemum-like form, and very attractive. Rather late for the most northern, short season, locations. Uniformly 3 to 5 feet tall. Trade pkt., 25c; ¼ oz., 65c; oz., \$2.20.

**Honeycomb.** 15 in. This odorless deep orange belongs to the Double Dwarf African type. Peculiar and unusual formation makes it a distinct variety. Trade pkt., 35c; ½ oz., 70c; ¼ oz., \$1.25; oz., \$4.00.

## MORNING GLORY

**Improved Pearly Gates.** A sport from and seemingly identical in growth, foliage and bloom, except white in color, with Clark's Early Heavenly Blue Morning Glory. A big satiny white, with a creamy shading in the throat, gives this a beautiful appearance. Reaches 12 feet, with luxurious foliage. Trade pkt., 35c; ¼ oz., 45c; oz., \$1.40.

**NIEREMBERGIA, Coerulea, Purple Robe.** This is a half hardy perennial, treated as an annual, blooming in about 15 weeks from sowing. It prefers full sun, sandy loam, and makes a grand border and edging subject. Very dwarf, about 6 inches tall, cushion-like plant, surmounted with flowers the color of Silver Blue Petunia. Trade pkt., 50c; ½ oz., \$1.65; ¼ oz., \$3.00.

**PANSY Swiss Raspberry Rose.** An entirely new color in the Swiss Pansies. A lovely shade best described as Raspberry Rose. It is the same color as a delicious ripe berry of the same name. Has a suggestion of lighter shade on edge of petals and marked with a velvety blotch in a deeper tone. Trade pkt., \$1.00.

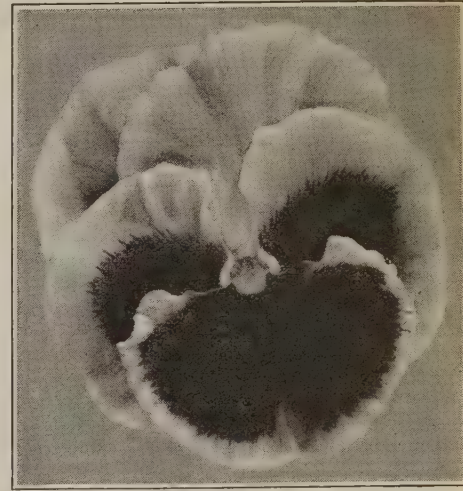




CELOSIA Gilbert's Maple Gold



MARIGOLD Honeycomb



PANSY Swiss Raspberry Rose

## PETUNIA

**Large Flowering Single Fringed Blushing Maid.** The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias. Trade pkt., 50c.

**All Double Petunias separate sorts and mixed**—See general list.

**Hybrida Compacta. Windmill Pink.** The growth is very compact and branching, attaining at maturity a height of 10-12 in. and a spread of 15-18 in. At no time does the plant become "leggy" but always presents a solid mass of deep green foliage studded with blooms. The 2 inch flowers have slightly fringed edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat. Awarded "special merit" rating in the New York Florist Club variety test at the New Jersey Experiment Station and given an Award of Merit as a pot plant by the New Jersey Florist Assn. 1000 seeds, 50c.

**PHLOX, Gigantea, Red Glory.** Here is the richest bright red, with contrasting white eye, of this same type, and no less valuable than the salmon-pink and rose varieties. Its color is the same as Scarlet Flax; a free, continuous bloomer, tall lightly foliaged, uniform and true. Trade pkt., 35c; ¼ oz., 85c; oz., \$3.00.

## PRIMULA GIORGIS

(This is a cross between *Primula Malacoides* and *Primula Chinen-sis Fimbriata*.)

The flower formation is that of the Chinese Primrose, while the short compact thick foliage reveals the *Malacoides* blood. Finely fringed, double rowed, single flowers 1¼ inches in diameter. Dark green foliage. The color is a strong carmine rose with a strong yellow center. Trade pkt., \$1.50.

**PRIMULA Obconica Gigantea Wyaston Wonder.** A new type of *Primula Obconica*, producing flowers of truly immense size; it is by far the largest flowered variety in existence. The general growth of the plant is of exceptional vigor and robustness; the foliage of fine growth and texture. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, *Wyaston Wonder* makes a compact and tidy plant. Trade pkt., \$1.00; ¼ oz., \$4.00; ½ oz., \$12.00.

**RUDBECKIA, Starlight.** This large-flowered, semi-double selection out of *Kelvedon Star*, is certainly a free bloomer. Its doubleness varies from fully double to single, mostly with about three rows of petals. Coloring is from primrose yellow to mahogany and bicolors with mahogany centers. Unique for cutting and arrangements, with nice long stems. About 3 feet tall, branching plants. Trade pkt., 35c; ¼ oz., \$1.00.

**SALVIA Farinacea Royal Blue.** Grows erect and of more intense color than *Blue Bedder*. Fine bushy plants, nice long spikes for cutting, and true. Trade pkt., 35c; ¼ oz., \$1.00; oz., \$3.60.

**SALVIA SPLENDENS, Blaze of Fire.** New bright scarlet, dwarf early flowering. 10 in. Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00.

**SCHIZANTHUS, Ryders' Chelsea Bedding.** The bushy little plants are so compact and neat and so smothered by the butterfly-like blooms that each one is a bouquet in itself. Has a wide range of colors. The plants average only 9 inches in height. Trade pkt., 75c.

## SWEET PEA

### SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early-flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

### STANDARD VARIETIES

Blue.	Clear Pink.	Light Lavender.	Lavender.
	Mauve.	Rose-Pink.	

Each of the above, ½ oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

### NEW VARIETIES

**Black Seeded White Improved.** Outstanding pure white frilled flower. ½ oz., 30c; oz., 50c; ¼ lb., \$1.65; lb., \$6.00.

**Light Blue.** Rich light blue. ½ oz., 60c; oz., \$1.00; 4 ozs., \$3.60.

**Mixed All Colors.** ½ oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

## VERBENA

**Hybrida Gigantea Annapolis Blue.** It is several tones lighter than navy or dark blue. Large trusses of 3 in. flowers, habit spreading, flowers in shades of light to mid-blue may be found in one flower which blends beautifully to make a deep *Belladonna* blue. Trade pkt., 50c; ¼ oz., \$1.20.

**Hybrida Gigantea Spitfire.** The plants are very vigorous, carrying many large flowers on upright stems. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret. Trade pkt., 35c; ¼ oz., 75c; oz., \$2.65.

**Hybrida Roseglow.** Color is so luminous that each plant has the appearance of a small flat mountain of fire. Each floret is a deep rose shading to orange scarlet without an eye. Very free flowering. Trade pkt., 25c; ¼ oz., 45c; oz., \$1.55.

**Hybrida Dwarf Red Sentinel.** 6 to 8 in. Fine compact variety of upright habit. Intense bright red without an eye. Duplicate in color of the *Spectrum Red* in the *gigantea* class. Trade pkt., 35c; ¼ oz., 80c; oz., \$2.80.

**VINCA Rosea Twinkles.** Large flowers of an unusual soft blush pink with a bright red eye. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

**VIOLA Chinese Blue** is a round-faced type of *Viola* such as *Jersey Gem*, *Chantreyland*, or *Blue Perfection*. *Chinese Blue*, according to the *Royal Horticultural Chart*, is *French Blue*. It is the nearest substitute to the famous *Viola Maggie Mott*. Trade pkt., 50c.

## ZINNIA

**Burpee's Super Giant Zinnias.** Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like *Dahlia*-flowered, others like *Giants of California* and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades of cream, buff, apricot, salmon, rose and orange predominate with yellow, white, scarlet and crimson, and many two- and three-tone effects. Trade pkt., 35c; ¼ oz., 60c; oz., \$2.00.



# Vaughan's <sup>The</sup> World's <sub>Best</sub> Flower Seeds

## Seed Stocks Are Short!

All the flowers you can grow this year will be assured of a market at good prices. Production has been short and all indications are that it will continue so; while demand is at a record level. In spite of the difficulties due to war, we hold stocks or expect delivery of every item listed. Since replacements are uncertain, however, we urge you to order early, to make sure of obtaining your season's requirements in full. A heavy demand for vegetable plants in the spring should be expected.

Buyers of seeds are dependent upon the experience, ability and integrity of the seedsmen to insure the quality and identity of the seeds they buy. Our customers are protected by the skill of an organization which for more than sixty years has specialized in seeds for florists.

Carl Cropp, vice president of Vaughan's Seed Store since 1884, and his son Carl Jr., are in touch with expert growers; by frequent inspection trips and careful checking in our trial gardens, they make sure that we supply you with the best seeds obtainable in the world.

**TESTING AND TRIALS** Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds.

**Flower Seeds for Summer Sowing.**—We issue a special catalogue in June. Should you fail to receive one, please write for it.

**For Seeds of Perennials and Biennials,** see pages 37 to 50.

**Trade packets** contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. is at the oz. rate; ½ oz. is at the ounce rate only when the price per ounce is 20c or more and ½ oz. rate is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

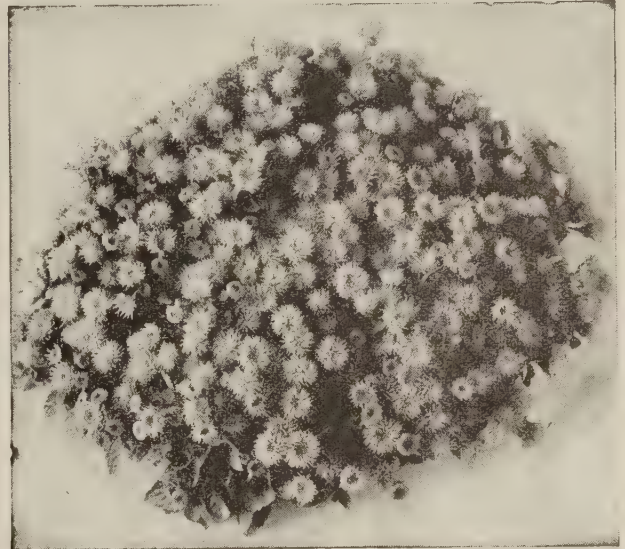
**Cash Discounts on Flower Seeds:** On all orders for flower seeds, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed, except Cyclamen seed, which is net.

	Trade pkt.	Oz.
<b>Abronia Umbellata</b> (Sand Verbena). Rose. 10 in. ....	\$0.10	\$0.60
<b>Acroclinium</b> Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open. ....	.15	1.00
<b>Agapanthus</b> Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states. . . . ¼ oz., 65c	.35	2.40

## Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft. ....	.15	.60
Album White. 2 ft. ....	.10	.50
Blue Ball. Fine dwarf rich blue variety. ¼ oz., 45c	.20	1.50
Blue Ball Improved. 4-5 in. .... ¼ oz., \$0.80	.25	2.80
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball. .... ¼ oz., \$1.25	.50	4.00
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform. .... ¼ oz., \$0.75	.25	2.80
Blue Perfection. True blue. 6 in. ....	.15	1.00
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose. .... ¼ oz., \$1.65	.50	....
Imperial Dwarf White. 6 in. ....	.15	.80
Little Blue Star. Tiny bushes, flowers light blue with red center. 4 in. .... ¼ oz., 65c	.25	2.20
<b>Midget Blue.</b> A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. . . . ¼ oz., \$1.50	.35	5.20



**AGERATUM Midget Blue**  
Trade pkt., 35c; ¼ oz., \$1.50; oz., \$5.20.

AGERATUM—Continued	Trade pkt.	Oz.
Mexicanum Purple Perfection. Richer and deeper blue. .... ¼ oz., 40c	\$0.20	\$1.40
Venus, Pink. 6 in. .... ¼ oz., 70c	.25	2.40
Golden (Lonas Indora). 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings. ....	.50	....
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft. . . . ¼ oz., 80c	.35	....
<b>Agrostemma</b> Coeli-Rosa (Rose of Heaven). Rose. 12 in. . . .	.15	.65
<b>Alyssum</b> Maritimum (Sweet Alyssum) 10 in. lb., \$2.60	.10	.30
<b>Snow Cloth.</b> A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties. . . lb., \$6.00	.15	.70
<b>Compactum</b> Lutescens. Straw yellow. 6 in. ....	.15	.60
<b>Vaughan's Little Gem.</b> This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in. . . . lb., \$6.00	.15	.60
<b>Violet Queen.</b> A very pretty bright violet tint. It has the usual honey-like odor of the white variety. . . . ¼ oz., 40c	.15	1.20
<b>Amaranthus</b> Molten Fire. Fiery crimson and maroon . . . ¼ oz., 35c	.15	1.00
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy. 30 in. .... ¼ oz., 30c	.15	.90
Tricolor Splendens. Very beautiful foliage. 3 ft. ....	.15	.80
Vaughan's Special Mixture. .... ¼ oz., \$0.35	.15	1.00
<b>Amberboa</b> Muricata (Star of the Desert). 2½ ft. Blossoms three inches across of tyrian purple. Excellent for cutting. ....	.35	....
<b>Anagallis</b> Grandiflora Coerulea. Dark blue. 10 in. . . .	.15	.60
Grandiflora, Mixed. Rich and showy. ....	.15	.60
Terra Cotta. Red. ....	.15	.60
<b>Anchusa</b> Cadensis, Blue Bird. Vivid indigo, 18 in. . . .	.15	.60



# "SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

### SPECIAL OFFER—WHERE PRICE IS:

- \$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55
- \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50
- \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (\*) are best for early winter flowering.  
 Varieties followed by a cross (X) we can supply in 1/2 trade pkts. at 60c each.

## NEW INTRODUCTIONS

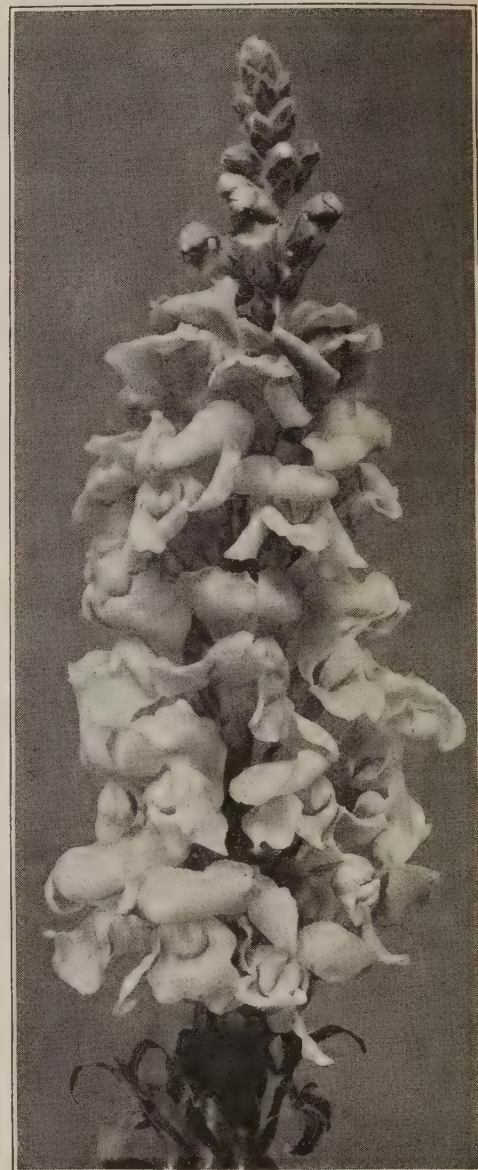
	Trade pkt.
<b>America (Hodaly).</b> Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage.....	\$1.50
<b>*Better Times</b> (1942 edition) (Windmiller.) A real American Beauty Rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day.....	2.00
<b>Bronze Christmas Cheer</b> (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1 1/4 to 2 inch individual florets. No grassy growth; non-shattering.....	2.00
<b>Carol Jean</b> (Dornacher). A shade lighter than Ethel. (Yellow). Has no wild growth whatever. Will not shatter.....	2.00
<b>Early Westover's Fringed White</b> (Windmiller). An early development of Westover's Fringed White—carrying the superb Westover qualities down to the first earlys—an ideal wedding bouquet white—good early or late; strong grower, productive and always hard stemmed.....	2.00
<b>*Koester's White.</b> It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers..	1.50
<b>*Maryland Pink</b> (Winkler). Early, light pastel pink. Large flowers. 1/2 trade pkt., \$1.25	2.00
<b>*Radiance</b> (Windmiller). Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original. Excellent keeping qualities and great uniformity. Average height 30 inches. Termed by some florists as "The Gladiolus Flowered Snapdragon".....	1.50
<b>Schaffroth's Pink.</b> A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop.....	2.00
<b>Schaffroth's White.</b> New pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks.....	2.00

## BRONZE SHADES

<b>Afterglow.</b> Golden bronze Spring flowering X.....	1.00
<b>*Early Glorious</b> (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales.....	Trade pkt. \$1.50
<b>Ideal (Hodaly).</b> A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed.....	1.50
<b>Kirkwood Beauty.</b> Bronze with a cast of gold—a striking color. Rather tall grower.....	1.00
<b>*Miss Wooster.</b> The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety X.....	1.00
<b>*New Deal.</b> Very early, fragrant, golden bronze.....	1.00
<b>Roman Gold.</b> Superseded by Suntan.	
<b>*Sunlight.</b> Improved Suntan, finest early golden bronze X.....	1.00
<b>*Suntan.</b> Rose shade of tan with tinge of yellow on lip. Early blooming X.....	1.00
<b>Talisman</b> (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers.....	2.00

## PINK AND ROSE SHADES

<b>Ball's Early Pink.</b> Rose pink similar to Radiance.....	1.00
<b>*Cheviot Supreme Appleblossom</b> (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter.....	1.00
<b>Cheviot Maid Supreme. Reselected.</b> Deep rose-pink X..	1.00
<b>*Christmas Cheer</b> (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops.....	2.00



CHRISTMAS CHEER

	Trade pkt.
<b>Daybreak.</b> Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X.....	\$1.00
<b>*Gilbert's Pink Queen Supreme.</b> This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads.....	1.50
<b>*La France</b> (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem.....	1.50
<b>Marie Louise</b> (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set.....	2.00
<b>*Milady.</b> Good early rose pink.....	1.00
<b>*New Cincinnati.</b> The finest light rose X.....	1.00
<b>Peggy Schumann</b> (Schumann). Pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots.....	2.00
<b>*Rose-Pink Cheviot Supreme</b> (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January.....	1.00
<b>Rose Queen.</b> Dark pink X.....	1.00
<b>St. Louis Pink</b> (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer.....	1.50
<b>Terry's Surprise, Improved.</b> Pink and bronze shades, late..	1.00

## RED

<b>*Christmas Red.</b> Extra early crimson.....	1.00
<b>Velvet Beauty.</b> Rich American Beauty red in color X.....	1.00
<b>Velvet Supreme.</b> We recommend Christmas Red as a substitute.	



## "SNAPS" For Greenhouse Forcing—Cont'd

### LAVENDER

	Trade pkt.	Oz.
Bertha Baur. Standard lavender.....	\$1.00	
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Spring flowering.....	1.00	
Schumann's Lavender. A true color, heaviest spike and unquestionably the leader.....	2.00	
*Windmill's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color.....	1.50	

### WHITE

Cheviot Maid Pure White. Superseded by Lucky Strike Improved, White Wonder and Koester's White.		
*Lucky Strike. Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X....	1.00	
*Lucky Strike Improved. Earlier than the original.....	1.50	
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage..	1.50	
Snow White (Windmill). Late white for Easter and Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.00	
Westover's Fringed White. A great favorite in the East. Sow for late crop X.....	1.00	
*White Wonder. A fine pure white. Free and early X....	1.00	

### YELLOW

*Ceylon Court. Dark Selection. Canary yellow. Our introduction X.....	1.00	
*Cheviot Maid. Yellow. (Volz).....	1.00	
Coate's Yellow Perfection. Deep golden yellow. Spring flowering X.....	1.00	
*Ethel. Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof..	1.50	
Gorgeous (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums.....	2.00	
Klondyke Supreme. Deep intense golden yellow with extra large individual florets, sow early, continuous bloomer. Later than Ethel.....	1.00	
Schumann's Yellow. Fine large yellow.....	2.00	
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	2.00	
*Yellow Wonder (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers.....	1.50	
Greenhouse Varieties Mixed. With pinks predominating..	.75	

## "Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

	Trade pkt.	Oz.
Avalanche. Pure White.....	1/4 oz., \$1.00	\$0.30
Dawn of Day.....	1/4 oz., \$1.00	.30
Delight. Apricot.....	1/4 oz., \$1.00	.30
Eldorado. Yellow.....	1/4 oz., \$1.00	.30
Evensong. Chamois.....	1/4 oz., \$1.00	.30
Golden Dawn. Golden buff, overlaid salmon.....	1/4 oz., \$1.00	.30
Orange King. Rich orange.....	1/4 oz., \$1.00	.30
Red Chief. Rich deep scarlet.....	1/4 oz., \$1.00	.30
Rose Beauty. Rose-pink self.....	1/4 oz., \$1.00	.30
Rose Marie. Light salmon, gold center.....	1/4 oz., 60c	.30
Rose Princess. Giant flower, brilliant cerise rose with center overlaid gold.....		.50
Rosella. Rich glowing rose.....	1/4 oz., \$1.00	.30
Twilight. Delicate rosy salmon.....		.30
Majestic Varieties, mixed.....	1/4 oz., 75c	.25 2.40

## Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2 1/2 inches wide on long sturdy stems that are fine for outdoor cut flowers.

	Trade pkt.	Oz.
Appleblossom. Rosy pink, white tube.		
Canary Bird. Canary-yellow.		
Copper King (Indian Summer). Copper shades.		
Old Gold. Beautiful art shade.		
Purple King. Rich, velvety purple.		
Snowflake. White.		
The Rose. Pure rose.		
Wallflower colors.		
Each of the above.....	1/4 oz., 45c	.15
Maximum. Many kinds, mixed.....	1/4 oz., 45c	.15 \$1.40

## SNAPDRAGONS—Continued

### Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.		
	Trade pkt.	Oz.
Black Prince. Deep crimson. Dark foliage.....	1/4 oz., 80c	\$0.15
Empress. Rich velvety crimson.....	1/4 oz., 65c	.15
Flame. Improved Defiance.....	1/4 oz., 80c	.25
Gloria. Rich, deep rose-pink.....	1/4 oz., 80c	.15
Golden Monarch. Good yellow.....	1/4 oz., 75c	.15
Golden Queen. Yellow.....	1/4 oz., 80c	.15
Guinea Gold. Glowing bronzy orange-yellow throat.....	1/4 oz., \$1.20	.50
Nelrose. Rose-pink.....	1/4 oz., 60c	.15
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florists' use.....	1/4 oz., 60c	.15
Purity. White.....	1/4 oz., 85c	.25
Red Emperor. Rich deep scarlet, compact habit..		.25
Royal Rose. Rich deep rose.....	1/4 oz., \$1.20	.50
St. George. A new shade of orange cerise.....	1/4 oz., \$1.20	.50
Vaughan's Special Mixture, semi-tall sorts.....	1/4 oz., 55c	.25 1.80

### Dwarf Sorts

	Trade pkt.	Oz.
Tom Thumb. Sow some dwarf Snapdragon in February. By the middle of May they will develop into heavy 2-inch pot plants with 6 or more flower spikes, if you will grow them in 50 deg. house and shift and pinch a few times. 6 in.		
Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint. Much deeper in color than the Magic Carpet....	\$0.35	
Mixed, all colors, each.....	1/4 oz., 75c	.25
Magic Carpet. A Snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden.....		.25

### Antirrhinum Rust-Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

#### LARGE FLOWERING TALL 2 1/2 ft. (Majus Grandiflorum)

	Trade pkt.	Oz.
Brilliant Rose.		
Daintiness. Rose-pink, white throat.		
Opal Queen. Beautiful shades of pink tinged with salmon and with an overlay of apricot. A pale yellow nose emphasizes the striking beauty of this color combination.		
Orange Shades.		
Padre. Crimson.		
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.		
Salmon Pink.		
Shasta. Pure white, extra free flowering.		
Stoplight. A vivid copper scarlet, both flower and tube being one color.		
Yellow Jacket. A clear deep yellow.....	Oz., \$2.40	
Each of the above.....	1/4 oz., 75c	\$0.25
Reveille. Rich yellow.....		.50
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend.....	1/4 oz., 70c	.25 2.40

#### LARGE FLOWERING DWARF

Amber and Gold.		
Antique Gold. Shades of old gold, copper, fawn and orange.		
Appleblossom. Rose pink, white tube.		
Du Barry. Flaming salmon rose.		
Gypsy Girl. Carmine, yellow nose.		
Ruby. Velvety carmine crimson.		
Each of above.....	1/4 oz., 75c	.25

The superintendent of a large midwest city wrote us as follows on September 19, 1942:

"Black Prince brought a lot of attention from the visitors in the garden and we think that it is as good a bedding Snapdragon as we have ever seen. It is very uniform in growth and the color is something to write home about."

"Personally I will take my hat off any time to Snapdragon St. George. I think it has the most substantial kind of blossom that any Snapdragon could possibly have and the size of the blossoms together with the color, immediately attracts the attention of the visitors."



**ANTIRRHINUM RUST RESISTANT STRAINS**—Continued

**SUPER MAJESTIC**

	Trade	pkt.	Oz.
Orange Shades.....	¼ oz., \$1.00	\$0.35	.....
Red Rocket.....	¼ oz., \$1.00	.35	.....
Rose Shades.....		.35	.....
Shell Pink.....		.35	.....
Rose Sensation. Richest, most charming shade of pink with just a touch of salmon. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered.....	¼ oz., \$1.00	.35	.....
Royal Crimson.....	¼ oz., \$1.00	.35	.....
Silver Pink.....	¼ oz., \$1.00	.35	.....
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend. ....	¼ oz., 75c	.35	.....

**MAXIMUM OR SUPER GIANTS**

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.	Golden Glory. Deepest yellow.
Autumn Glow. Copper shades.	Indian Summer. Coppery rose scarlet.
Campfire. Pure luminous scarlet.	Loveliness. Pure soft rose-pink.
Canary Yellow.	Paradise Rose. Salmon.
Copper King. Shining copper color.	Pink Sensation. Pure pink, frilled flowers.
Crimson. Fiery crimson.	Red Cross. Glowing velvet crimson.
Daffodil. Beautiful two-tone yellow.	Swing Time. Rose-pink.
Fair Lady. Silver pink, white tube and yellow tip on lip.	
Each of the above.....	¼ oz., 70c .25 \$2.40
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend..	¼ oz., 70c .25 2.40
Golden Rod. Bright golden yellow waved flowers, strong grower.....	¼ oz., \$1.00 .25 .....

Vaughan's Special Mixture. All Rust Proof varieties..... ¼ oz., 85c .35 2.80

Aralia Sieboldi. 100 seeds, 25c; 1,000 seeds, \$2.00.	
Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.....	.15 .60
Breviscapa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc. 6 in. ....	¼ oz., 90c .35 .....
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch... ¼ oz., 90c	.35 3.00
Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting.....	.20 .....

**Asparagus**

Write for prices on larger lots.

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.50; oz., \$1.00; lb., \$10.00.	
Sprengeri. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.50; oz., \$1.00; lb., \$10.00.	

Baileya Multiradiata (Desert Sunray). The plant is a foot tall with grayish-green, woolly stems and foliage, and the handsome flower is an inch and a half across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color.....	¼ oz., 85c \$0.35 \$2.80
Bachelor's Button. See Centaurea Cyanus.	



ASTER VAUGHAN'S WILT RESISTANT. GIANT BRANCHING AND CREGO TYPES.

**Asters**  
**WILT-RESISTANT**

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

**AURORA**

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft. Fine for cutting. Trade pkt., 30c; ¼ oz., 60c; oz., \$2.00.

**CREGO—2 feet**

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Crimson.	Lavender	Violet
Blue Flame	Deep Rose	Pink	White
Cattleya (Orchid shades)	Purple		

Each of the above.....	¼ oz., 60c	\$0.30	\$1.85
Crego Mixed, all colors.....	¼ oz., 50c	.25	1.75

**EARLY BEAUTY—2 to 3 feet**

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	Black Prince (deep marine violet)	Crimson
Carmine Rose	Purple	
White	September Beauty	
Each of the above.....	¼ oz., 60c	\$0.30 \$1.85
Mixed, all colors.....	¼ oz., 45c	.25 1.65



**ASTER VAUGHAN'S WILT RESISTANT**—Continued

**EARLY GIANT**

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. With practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue.....	¼ oz., 80c	\$0.30	\$2.65
Peachblossom. Opens white, flushes lavender pink.	¼ oz., 80c	.30	2.65
Rose Marie. Rich lively shade of rose.....	¼ oz., 90c	.35	3.20
Mixed, three varieties.....	¼ oz., 70c	.30	2.40

**GIANT BRANCHING**

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink	Sensation (deep red)	
Deep Rose	Purple	White	
Lavender			Trade pkt. Oz.
Each of the above.....	¼ oz., 60c	\$0.30	\$1.85
Mixed, all colors.....	¼ oz., 50c	.25	1.65

**QUEEN OF THE MARKET—18 inches**

**The Standard Early-Flowering Type**

Azure Blue	Crimson	Dark Blue	Flesh Pink	
Light Blue	Scarlet	White	Rose	Trade pkt. Oz.
Each of the above.....	¼ oz., 55c	\$0.30	\$1.85	
Mixed, all colors.....	¼ oz., 45c	.25	1.65	

**THE ROYAL—2 feet. Early-Flowering Branching**

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Dark Lavender	Rose-Pink		
Peachblossom	Shell Pink		
Purple	White	Trade pkt. Oz.	
Each of the above.....	¼ oz., 55c	\$0.30	\$1.85
Mixed, all colors.....	¼ oz., 45c	.25	1.60

**OTHER VARIETIES**

**Ball White. Early.** Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

**Ball White. Late.** Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

**Ball Phlox Pink.** Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

**Ball Deep Rose.** Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

**Ball Deep Purple.** Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main midseason supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., 60c; oz., \$1.85.

**California Giant, Purple.....** ¼ oz., 85c \$0.35 \$2.80

**Giant Mammoth Peony Flowered, Silvery Rose.** Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers..... ¼ oz., 70c .35 2.40

**Giant Comet, Mixed.....** ¼ oz., 50c .25 1.65

**Heart of France.** Glowing ruby-red..... ¼ oz., 60c .30 2.00

**King.** All colors mixed. Flowers, large and full, needle-like strong petals. August..... ¼ oz., 50c .25 1.80

**Ostrich Feather Mixed, all colors.....** ¼ oz., 50c .25 1.80

**PRINCESS NEW CRESTED**

**Princess Asters** have full crested centers surrounded by several rows of short guard petals. Flowers are fine keepers. Early and free bloomers.

**Princess Anne.** Delicate pink turning to rose as they mature.

**Princess Bonnie.** Beautiful soft salmon rose with a center of rich gold.

**Princess Marsha.** A strong vibrant cinnabar scarlet, gold center. Each of above..... ¼ oz., 60c \$0.30 \$1.85

**ASTERS IN MIXTURE**

Trade pkt. Oz.

**Vaughan's Florists' Mixture.** Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors.....lb., \$16.00; ¼ oz., 50c \$0.25 \$1.80

**Vaughan's Special Mixture of Wilt-Resistant Varieties.** This is a mixture of the most beautiful and distinct colors of the tall-growing Asters. ¼ oz., 70c .30 2.40

**Wilt-Resistant Single Giants of California.**

Deep Lavender	Flesh	Rose	
Deep Pink	Purple	White	
Each of the above.....	¼ oz., 45c	.25	1.50
Mixed, the above.....	¼ oz., 45c	.25	1.50

**STANDARD BRED ASTERS**

**CALIFORNIA GIANT SUNSHINE**

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom	Purple (Alpen Glow)
Enchantress Pink	Rose (Rainbow)
Light Blue (Blue Moon)	White (Moonbeam)
Light Lavender (Stratosphere)	

Each of the above.....	¼ oz., \$1.00	\$0.35	\$3.20
Mixed, all colors.....	¼ oz., 70c	.30	2.40

**CALIFORNIA GIANTS—2½ to 3 feet**

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Dark Purple	Light Purple
Carmine Rose	Deep Rose	Peachblossom
Crimson	Light Blue	White

Each of the above.....	¼ oz., 75c	\$0.35	\$2.45
Mixed, all colors.....	¼ oz., 60c	.25	2.00

**Extra Early Giant Crego, Navy Blue.** First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. Honorable Mention All-America Award 1943..... ¼ oz., 85c 2.50

**GIANT HARMONY**

Fine cut flower type, long stems, basal branching. Flowers with quilled centers.

Moonlight (Azure blue)
Morning Mist (Mid blue)
Sunrise (Soft apricot pink)

Each of above.....	¼ oz., 60c	\$0.30	\$2.00
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**Super Giant Los Angeles.** The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink..... ¼ oz., 85c .35 2.80

**Super Giant El Monte.** Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period..... ¼ oz., 80c .35 2.80

**GIANT PEONY FLOWERED—2½ to 3 ft.**

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy (Azure blue)	Rose Bud (Deep rose)
Maiden's Blush (Delicate pink)	Swan's Down (Pure white)
Purple Robe (Deep purple)	

Each of the above.....	¼ oz., 65c	\$0.35	\$2.00
Mixed, all colors.....	¼ oz., 55c	.25	1.80

**IMBRICATED POMPON—20 in.**

Flowers very freely produced, often as many as 20 to a plant. Blooms very early. The small round Pompon blossoms have an outside row of short guard petals.

Rose.....	¼ oz., \$1.20	\$0.50	\$4.00
White.....	¼ oz., \$1.20	.50	4.00

**New Victory Giants Mixed.** An All-American Honorable Mention 1943. Extra early Giants of California type. Long straight stems. Flowers include salmon pink but no reds. 3 ft..... ¼ oz., \$1.25 .50 4.00





BUSH BALSAM MIXED. Trade pkt., 25c; oz., \$2.40.

## Balsam

**Bush Balsam.** Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

Scarlet                      Rose                      White

	Trade pkt.	Oz.
Each of the above.....	1/4 oz., 70c	\$0.25    \$2.40
Bush Mixed.....	1/4 oz., 70c	.25      2.40

**Vaughan's Invincible Mixed.** A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem..... .15    .80

## Novelty Begonias

**Homeran.** All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous. Excellent as a house plant.

**Homeran Crimson.** Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose, makes a splendid bedder. 15 to 18 in..... 1.00

**Homeran Rose.** A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in..... 1.00

**Homeran White.** Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in..... 1.00

## Begonia—Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

**Pink Pearl and Gracilis Adeline.** Regret sold out, we suggest **Semperflorens Masterpiece** as substitute.

**Red Pearl.** As this variety is not available this year, we recommend **King of the Reds** instead.....

**Gracilis Carmen.** Bright rose flowers, bronze foliage.. 1.00

**Carmen Scarlet.** See Indian Maid.

**Dwarf Luminosa.** Extra dwarf, scarlet. Fine for pots. 8 in..... 1/4 oz., \$3.00 1.00

**Fireball.** Fiery crimson. 10 in..... 1.00

**Gerda Seeger (Heterosis Variety).** Compact growth, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large and free flowering..... 1.00

**Indian Maid (Carmen Scarlet).** 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage..... 1/4 oz., \$2.50 1.00

**Luminosa.** Deep dark scarlet foliage reddish brown, 10 in..... 1/32 oz., \$3.00 1.00

**Prima Donna.** Limpid rose, shading to carmine, most beautiful 10 to 12 in..... 1.00



BEGONIA SEMPERFLORENS MASTERPIECE

BEGONIA *Gracilis*—Continued Trade pkt. Oz.

**Radio (Rundfunk).** Large flowered, shining, pure carmine-scarlet, green foliage..... 1/32 oz., \$2.60 1.00

**White Pearl.** White. 10 in..... 1/64 oz., \$1.80 1.00

**Christmas Cheer Red.** A very large-flowered variety, color dark crimson-scarlet. 1/64 oz., \$1.60; 1/32 oz., \$2.80 1.00

**Christmas Pink.** Identical to above variety only the color is a delightful shade of warm rose-pink..... 1/64 oz., \$1.80 1.00

**Illusion.** Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in..... 1.00

**Semperflorens Albert Martin.** Bright carmine, very large flowers. 14 in..... .50

**Compacta Supreme.** One of the best dwarf varieties grown, forms a compact ball loaded at all times with bright crimson flowers. When planted out-of-doors, the edges of the leaves turn to a bronze-red..... 1.00

**Elegance.** The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green.. 1.00

**Enchantress.** Fresh rose color..... 1.00

**Erfordia.** Pure La France rose..... 1/32 oz., \$1.50 .50

**Fire Sea (Blaze of Fire).** Fiery red flowers, green foliage. 8 in..... 1.00

**G. Knaacke.** Glowing salmony pink..... .50

**Glow.** Foliage green, flowers glowing scarlet. .... 1/64 oz., \$1.75 1.00

**Ile de France.** The best white. The foliage is light green. The flowers are 1 1/4 in. to 1 1/2 in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mothers' Day..... 1/64 oz., \$2.00 1.00

**Kaethe Teicher.** The flowers are 2 1/2 in. across. The plants about 10 in. high. The strong dark-green foliage forms an effective foil to the pure carmine of the flowers..... 1.00

**King of the Reds.** Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl..... 1/64 oz., \$3.00 1.00

**Lightning (Thunderbolt).** Large flowers 2 in. across and deep carmine scarlet shade. 10 in. .... 1/64 oz., \$1.65 1.00

**Little Midget.** A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine.. 1.00

**Masterpiece.** One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage..... 1.00



<b>BEGONIA Semperflorens</b> —Continued		Trade pkt.	Oz.
Salmon Queen. Large cinnabar red blooms. 12 in.		\$1.00	....
Scandinavia. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering.....	1/64 oz., \$2.40	1.00	....
Snow. Pure white blossoms; green foliage.....	1/64 oz., \$2.00	1.00	....
Winter Romance. Carmine pink flowers, light green foliage.....		1.00	....
Special Mixture of Bedding Begonias. 1/32 oz., \$2.40		1.00	....

**BEGONIA TUBEROUS ROOTED**

Grown easily from seed which, sown in January, will make fine pot-plants for spring. This type Begonia is most satisfactory for planting in the shade.

Tuberous-Rooted. Single, mixed. 12 in.....		\$1.00	....
Double Camellia Type, mixed. The largest and most popular of the double types, individual flowers from 5 to 8 inches in diameter resembling camellias and roses in all forms and variations of color.....		2.00	....
Crispa mixture of frilled sorts.....		1.00	....
Double Mixed.....		1.00	....

<b>Bell of Ireland.</b> Graceful 2 foot branching stems are so surrounded by 2 inch flowers there is little room for leaves. The bell-shaped calyx is green and delicately veined, containing the white corolla. Both curious and beautiful.....	1/4 oz., 75c	.25	\$2.20
<b>Brachycome Iberidifolia</b> (Swan River Daisy). 12 in. Mixed.....		.15	.80
<b>Browallia Elata.</b> Blue or Mixed, each.....		.20	1.00
Elata. White.....		.20	1.00
<b>Speciosa Major.</b> Large deep blue flowers. Fine for pots. 12 in.....	1/32 oz., \$1.20	.50	....
<b>Viscosa Compacta Sapphire.</b> Dark blue, white eye, dwarf compact plant for pots and bedding.....	1/16 oz., \$1.00; 1/8 oz., \$1.80	.35	....

**Calendula**  
**BEDDING VARIETIES**

	Trade pkt.	Oz.	
<b>New Giant Glowing Gold.</b> 2 1/2 ft. Vivid color, coming between gold and orange, which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems.....	1/4 oz., 40c	\$0.25	\$1.20
<b>Orange Fluffy.</b> 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3 1/2 inch. semi-double, with petals increasingly erect towards the center. Flowers profusely on long, strong stems... 1/4 oz., 50c		.25	1.40
<b>Orange King.</b> Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony.....	1/4 oz., 25c; lb., \$6.00	.15	.85
<b>Pastel Bedding Mixed.</b> Charming assortment of art shades.....	1/4 oz. 50c	.25	1.80
<b>Radio.</b> The flowers are medium size, good depth and clear orange. The petals are quilled.... 1/4 oz., 25c		.15	.80
<b>Shaggy Orange.</b> The petals are long and deeply lacinated, orange with darker center..... 1/4 oz. 25c		.15	.85
<b>Sunshine or Chrysantha.</b> Petals long, broad and drooping. Buttercup yellow..... 1/4 oz., 25c		.15	.80
<b>Yellow Colossal.</b> The well formed, bushy plants grow 18 in. high. Flowers are extremely double, 4 1/2 in. and more across and of a clear, bright yellow.....	1/4 oz., 45c	.25	1.40
Vaughan's Special Mixture of bedding varieties.....		.20	1.00

**FORCING VARIETIES**

<b>Sensation, Vaughan's Improved (Campfire).</b> Long stems; very double, brilliant orange flowers. The blooms are very flat in shape..... 1/4 oz., 60c		.40	2.00
<b>Ball Apricot.</b> Light straw or buff color with dark center..... 1/4 oz. 60c		.40	2.00
<b>Ball Gold.</b> Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved... 1/4 oz., 60c; 4 oz. \$6.50		.40	2.00
<b>Ball Lemon Queen.</b> ..... lb. \$20.00; 4 oz., \$6.50		.40	2.00
<b>Ball Improved Long Orange.</b> Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange... 4 ozs., \$6.50; lb., \$20.00		.40	2.00
<b>Ball Long Orange.</b> Long-stemmed, light center, clear orange..... 4 ozs., \$6.50; lb., \$20.00		.40	2.00



CALENDULA VAUGHAN'S IMPROVED SENSATION

<b>CALENDULA Forcing Varieties</b> —Continued		Trade pkt.	Oz.
<b>Ball's Orange Improved.</b> Rich orange, light center. Petals slightly notched.... 4 ozs., \$6.50; lb., \$20.00		\$0.40	\$2.00
<b>Ball Masterpiece.</b> Extra long-stemmed, deep orange-brown center..... 4 ozs., \$6.50; lb., \$20.00		.40	2.00
<b>Ball White (Moonlight).</b> A beautiful soft cream yellow..... 1/4 oz., 40c		.25	1.20
Vaughan's Special Mixture for greenhouse forcing....	1/4 oz., 50c	.25	1.50

**Cactus Seed**

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

	100 Seeds	1000 Seeds
<b>Cereus (Column-cacti).</b> Mixed.....	\$0.50	....
<b>Cephalocereus Senilis (Old Man Cactus)</b> .....	.75	....
<b>Cereus Grandiflorus (Queen of the Night)</b> .....	1.00	....
<b>Echinocactus (Hedgehog-cacti).</b> Mixed.....	.50	....
<b>Echinocereus (Cluster-cacti).</b> Mixed.....	.50	....
<b>Opuntia (Fig-cacti).</b> Mixed.....	.50	....
<b>Opuntia.</b> Hardy Mixed.....		
..... 1/4 oz., 45c; tr. pkt., 25c; oz., \$1.40		
<b>Mammillaria Mixed Wart Cactus</b> .....	.50	....
<b>Cacti.</b> All kinds and forms, mixed.....	.35	\$3.00

<b>California Poppy.</b> See Escholtzia.		
<b>Calandrinia Umbellata</b> Amaranth. Crimson violet. 6 in.....	1/4 oz., 80c	.25 2.80

**Calliopsis**

	Trade pkt.	Oz.
<b>Tall All-Double Mixed.</b> 3 ft. high. The best strain of double flowering Calliopsis. Flowers are semi-double and double, 1 to 1 1/2 inches across, borne on long graceful stems that are valuable for cutting. Our mixture contains all of the colors and color combinations to be seen in this family. They flower profusely from early July until autumn... 1/4 oz., 25c		\$0.15 \$0.80
<b>Coronata Maxima (Crown of Gold).</b> Bright yellow. 20 in.....		.15 .60
<b>Drummondii (Golden Wave)</b> Golden yellow with brown-red ring. 20 in.....		.15 .40
<b>Drummondii (Golden Crown).</b> Rich golden yellow with a shining maroon central zone.....		.15 .60
<b>Semi-Double Gold Crest.</b> A rich golden yellow color with a reddish brown zone. Flowers are 2 1/2 to 3 inches across and come with a double row of mammoth petals.....		.15 .60
Vaughan's Special Mixture.....		.15 .50
<b>Dwarf Mixed</b> .....		.15 .40
<b>Dazzler.</b> Dwarf variety. Dark red flowers edged deep golden yellow.....		.15 .60



Campanula. See Perennial Pages.

**Calceolarias New Choice Varieties** Trade pkt.

- Tausendschoen. A cross of C. Rugosa and Grandiflora. Of great freedom of bloom and splendid habit. Color of flower rich golden-yellow with beautiful markings of reddish-brown. . . . . \$1.50
- Scarlet Flame. Of the same origin as above. An entirely new development of this type. A rich, warm scarlet. Highly recommended. . . . . 1.50

**Calceolaria Hybrida** Trade pkt. Oz.

- Hybrida Dobbie's Perfection One of the finest strains in cultivation. Flowers rich and varied in color, beautifully spotted and blotched, and of fine form and substance; habit dwarf, compact, and very free flowering. . . . . 1/64 oz., \$3.00 \$1.00 . . . .
- Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. . . . . 1.50 . . . .
- Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. . . . . 1/32 oz., \$4.20; 1/64 oz., \$2.40 1.00 . . . .
- Monarch Strain. An exceptionally fine strain with large flowers and exquisite markings. 1/64 oz., \$2.25 1.00 . . . .
- Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1 1/2 inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. . . . . 1.00 . . . .
- Dark Blood Red. Bright dark velvety red. . . . . 1.50 . . . .
- Gilbert's Strain. A selection made by a grower in our midwest. Bright colors. . . . . 1.00 . . . .
- Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage. . . . . 1.00 . . . .
- Indian Prince. A new selection retaining the fine dwarf, free-flowering habit. The color is rich dark scarlet with an orange suffusion that will contrast richly with the new Golden Tiger of the same class. . . . . 1.25 . . . .
- Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades. . . . . 1.00 . . . .
- Kelway's Perfect Model. (Herbaceous.) 1/64 oz., \$2.00 1.00 . . . .
- Grandiflora, "Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. . . . . 1.00 . . . .
- Rugosa Major Mixed. 12 in. The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting. . . . . 1.00 . . . .

**Candytuft**

- Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mothers' day . . . . . 4 oz., \$2.60; lb., \$8.00 .20 .80
- Miniature Gem. A miniature hyacinth-flowered Candytuft about 3 1/2 inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item. . . . . 1/4 oz., 25c .15 .80
- Umbellata Carminea. Carmine. 12 in. . . . . lb., \$4.80 .15 .50
- Alba. White. 12 in. . . . . lb., 4 80 .15 .50
- Flesh-Pink. 12 in. . . . . lb., 4 80 .15 .50
- Lilacina. Lilac. 12 in. . . . . lb., 4 80 .15 .50
- Purpurea. Crimson. 12 in. . . . . lb., 4 80 .15 .50
- Rose Cardinal. Rose-pink. 12 in. . . . . lb., 5 00 .15 .50
- Vaughan's Special Mixed . . . . . lb., 4.80 .15 .50
- Dwarf Mixed. For pots or combination baskets. . . . . 15 .60
- Crimson. Rich reddish purple. . . . . 15 .60
- Lilac. . . . . lb., \$6.00 .15 .60
- Rosea. . . . . lb., \$6.00 .15 .60
- White. . . . . 15 .60
- For Gibraltarica, Tenoreana and Sempervirens, see Perennial Pages.



CELOSIA, PYRAMIDALIS. FLAME OF FIRE Trade pkt., 35c.

**Celosia**

- Childsii (Chinese Wool Flower) Trade pkt. Oz.
- Crimson. Deep Rose. Yellow. 2 ft. Each, 1/4 oz., 50c \$0.25 . . . .
- Mixed. The above colors. . . . . 1/4 oz., 45c .20 . . . .
- Cristata (Cockscomb)
- Tall, Crimson. Rose. Chamois. Each. . . . . .25 . . . .
- Tall Empress. Crimson combs, dark foliage. . . . . .25 . . . .
- Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. . . . . (300 seeds). .50 . . . .
- Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft. 1/4 oz., 80c .25 . . . .
- Tall Sorts, Mixed. . . . . .15 . . . .
- Nana Aurea. Dwarf, dark golden. 12 in. . . . . .25 . . . .
- Empress. Crimson combs, dark foliage. 1/4 oz., 60c .25 \$2.25
- President Thiers. Dark crimson. 12 in. 1/4 oz., 80c .25 . . . .
- Rosea. Dwarf. Dark rose combs. 12 in. . . . . .25 . . . .
- Dwarf Sorts. Extra choice mixed. . . . . 1/4 oz., 80c .25 . . . .
- Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size. . . . . .50 . . . .
- Plumosa (Ostrich Feather)
- Crimson. . . . . 1/4 oz., 50c .25 1.80
- Orange. . . . . 1/4 oz., 50c .25 1.80
- Scarlet. . . . . 1/4 oz., 50c .25 . . . .
- Parrot's Feather, Mixed. . . . . 1/8 oz., 90c .35 . . . .
- Pride of Castle Gould, Mixed. . . . . .25 . . . .
- Pyramidalis Flame of Fire. 18-20 in. Perfect pyramidal habit with head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet. . . . . 1/8 oz., 70c .35 . . . .
- Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in. 1/8 oz., 65c .25 . . . .
- Orange Feather. Golden orange. 15 in. 1/8 oz., 65c .25 . . . .
- Mixed. . . . . 1/8 oz., 65c .25 . . . .
- Thompsoni Magnifica, Mixed. . . . . 1/4 oz., 60c .25 . . . .
- Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. . . . . 1/4 oz., 45c .25 . . . .
- Annual Canterbury Bells**
- Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight pikes of blooms. Trade pkt. Oz.
- Angelus Bell. Deep rose. Mission Bell. Clear pink.
- Blue Bell. Light blue. Wedding Bell. White.
- Liberty Bell. Violet blue.
- Each of the above. . . . . 1/4 oz., 25c \$0.15 . . . .
- Mixed, All Colors. . . . . 1/4 oz., 25c .15 . . . .
- Cardinal Climber . . . . . 1/4 oz., 40c .25 \$1.40



## Carnation

### Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

Deep Rose	Rose-Pink	White		
Flesh-Pink	Salmon-Rose	Yellow		
Maroon	Scarlet		Trade pkt.	Oz.
Each of above	.....	1/4 oz., 90c	\$0.35	\$3.40
Vaughan's Early and Perpetual-Flowering, mixed.	.....	1/4 oz., 85c	.35	3.00

### Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2 1/4 to 2 3/4 inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose			
Salmon	Red		Trade pkt.	Oz.
Each of above	.....	1/8 oz., \$2.00	\$0.50	.....
Mixed, from varieties noted above	.....	1/4 oz., \$1.90	.50	\$6.50
Giant Margaret Mixed, 20 in.	.....	1/4 oz., 65c	.25	2.20
Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3 1/2 to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted.	.....		.50	.....
Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems.	.....	1/16 oz., \$3.20	1.00	.....
Teicher bi-annual mixed. A European variety, producing extraordinary large blooms in a fine range of colors; excellent for cutting.	.....	1/2 oz., \$2.20	.75	.....
Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented.	.....	1/4 oz., \$1.45	.50	\$5.00
Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Vaughan's Early and Perpetual Flowering.	.....	1/8 oz., \$1.00	.50	.....

For other Carnations, see Perennial Pages.

**Castilleja Indivisa** (Indian Paint Brush). A very rare annual; rosy pink bracts, intermingled with orange-red. Fine for pots. 1000 seeds, \$2.00.

## Centaurea

### SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

Black Boy. Blackish maroon	.....	4 oz., \$1.45	\$0.15	\$0.45
Blue Boy. Rich deep blue, very large flowers	.....	lb., \$4.50; 4 oz., 1.45	.15	.45
Pinkie. Deep pink	.....	lb., 4.50; 4 oz., 1.45	.15	.45
Red Boy. Deep red	.....	lb., 4.50; 4 oz., 1.45	.15	.45
Snowman. Best white	.....	lb., 4.50; 4 oz., 1.45	.15	.45
Vaughan's Mixture of Super Giant	.....			
New Varieties Mixed	.....	4 oz., 1.45	.15	.45

<b>Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in.</b>	Trade pkt.	Oz.	
.....	1/4 oz., 35c	\$0.15	\$1.00
Lilac Lady. Lilac 12 in.	.....	1/4 oz., 35c	.20 1.00
Americana (Basket Flower). Lilac, 4 ft.	.....	lb., \$6.00	.15 .60
Alba. White. 4 ft. Fine cut flower	.....	lb., 6.00	.15 .60
Imperialis (Giant Sweet Sultan). 32 in.	.....		
Amaranth, a rich plum color.	.....	Brilliant Rose.	
Deep Lavender.	.....	Lilacina, lilac center.	
Splendens, dark purple.	.....	Pure white.	
Each of the above	.....		.15 .60
Mixed Colors	.....		.15 .50
Suaveolens. Canary-yellow, 2 ft.	.....		.15 .60
Vaughan's Special Mixture. Includes all the annual Centaurea sorts	.....		.15 .60

Candidissima (Dusty Miller). White leaved for bedding. 6 in.	.....	1/4 oz., 75c	.35	2.40
Gymnocarpa. Fine cut leaved variety with silvery foliage. 24 in.	.....	lb., \$6.00	.15	.60

See also Perennial Pages.

## Chrysanthemum

Chrysanthemums provide long stemmed cut flowers which are useful to a florist. The annual varieties, especially the Carinatum and Segetum, are probably most generally used. They are easily grown from seed, coming into flower early. Attractive colors both for inside or outside growing. Eastern Star, Gloria (Morning Star) and Helios (Evening Star) are the most called for varieties.

**Carinatum** Vaughan's Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. This wonderful new strain of Carinatum Hybrids contains a very wide range of various tones running through purple, scarlet, orange, salmon, rose, yellow, white, which are all beautifully zoned round the dark discs with small yellow edges. These zones differ both in color and size to a remarkable degree and comprise many different shades of deep purple, maroon, copper and orange. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cutflower this lovely Chrysanthemum will prove of outstanding value.

Trade pkt.	Oz.		
.....	1/4 oz., 60c	\$0.30	\$2.00
<b>Carinatum, Burrigeatum.</b> White, crimson zone	.....		.10 .40
Eclipse (Chameleon). Brown and yellow. 20 in.	.....		.10 .40
Northern Star. Giant white flowers with light yellow center and black disc, 20 in.	.....		.10 .40
Purpleum (W. E. Gladstone). Deep purple with yellow ring, 20 in.	.....		.10 .40
The Sultan. Dark copper, yellow ring, 20 in.	.....		.10 .40
Single Mixed	.....		.10 .40

**Cascade or Balcony.** Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed.

**Coronarium. Golden Crown.** The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft.

**Frutescens (Paris Daisy).** White, 30 in.

**Goldwings.** 3 ft. Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season.

**Indicum fl. pl., Chinese.** Early-blooming, hardy, double mixed, 2 ft.

**Inodorum Plenissimum. Bridal Robe.** Pure white, extra double, compact, fine foliage, 20 in.

**Snow Carpet.** Double white flowers which are about two inches in diameter. The foliage is dark green and quite lacy in appearance. 10 to 12 in.

**Japonicum Double Anemone Flowered. Finest Mixed.** The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze shades.

**Segetum Eastern Star.** Light yellow with dark center and yellow ring, 20 in.

**Eldorado.** Bright yellow, dark brown disc

**Gloria (Morning Star).** Primrose flowers, 20 in.

**Yellowstone.** Rich yellow; fine form.

**Vaughan's Double and Single Mixed, annual sorts.**

See also Perennial Pages.

**Cephalophyllum Actum.** Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower.

1000 seeds, \$12.00; 100 seeds, \$1.50.

**Cleome Pungens (Giant Spider Plant).** Light rose

Lutea (Golden Cleome). Bright golden orange flowers.

Giant Pink Queen. A tall and attractive border plant, with huge heads of delightful and refreshing pink, without a trace of blue or magenta. The large flower bracts turn to white before falling, giving an appearance of a white collar with a pink cap. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.





COLEUS Glory

**Coleus Glory.** A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants. Trade pkt. Oz.

Extra Choice, large-leaved, mixed, . . . . .  $\frac{1}{16}$  oz., 75c .50

Frederici. 2 to 3 ft. The color of the flower is pure deep cornflower blue. Sown in April, the plants will flower freely from October onwards. . . . . .50

Large-leaved, Copper color. 20 in. . . . . .50

Vaughan's Rainbow Mixture. The above and others . . . . .  $\frac{1}{16}$  oz., \$1.20 .50

### Cineraria Hybrida

**Vaughan's Columbian Mixture.** Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.  $\frac{1}{64}$  oz., \$1.75;  $\frac{1}{32}$  oz., \$3.00;  $\frac{1}{16}$  oz., \$5.50 1.00

**Cremer's Prize Mixture.** Re-selected. Somewhat taller and larger flowered than Multiflora Nana. . . . .  $\frac{1}{64}$  oz., \$2.40;  $\frac{1}{16}$  oz., \$8.00;  $\frac{1}{32}$  oz., \$4.40 1.50

**Cremer's Improved Prize Strain.** Originator's Packet. 1.50

**Howard and Smith's Strain.** Mixed. A very fine selection from a California specialist.  $\frac{1}{64}$  oz., \$2.50 1.00

**Mixture of Cremer's and Siter's.** . . . .  $\frac{1}{64}$  oz., \$2.20 1.00

**Hybrida Multiflora Nana.** Produces dwarf plants with masses of small flowers, measuring about  $\frac{3}{4}$  in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. Azure Blue. Dark Red. Dark Blue. Rose. Each of the above. . . . . 500 seeds .75

#### CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this variety.

$\frac{1}{64}$  oz. \$2.40, 500 seeds, 60c; 1000 seeds, \$1.00

**CINERARIA HYBRIDA—Continued** Trade pkt. Oz.

**Multiflora Nana.** Mixed, all colors,  $\frac{1}{32}$  oz., \$3.00 \$1.00

**Multiflora Nana Maxima.** Mixed. Flowers about same size as Potsdam strain and plants about same height. . . . . 1.00

**Multiflora Grandiflora Maxima.** Choicest Mixed. Large flowers, freely produced, 12 to 16 in. The foliage is in rosettes, similar to the Multiflora Nana, only the single leaves are larger. . . . . 1.25

**Potsdam Strain.** Mixed. (Berlin Market or Weissensee. American grown seed. The plants are taller and flowers larger than Cremer's. . . . .  $\frac{1}{64}$  oz., \$1.70;  $\frac{1}{32}$  oz., \$3.00 1.00

**Siter's Rainbow Strain.** Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's. . . . .  $\frac{1}{32}$  oz., \$5.00;  $\frac{1}{16}$  oz., \$9.00 2.00

**Plenissima.** Double mixed. Good for cutting. . . . . .50

**Star Cineraria (Cineraria Hybrida Polyantha).** Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft. . . . . 1000 seeds .60

**Feltham Beauty.** Somewhat dwarfier than above, but with larger flowers and broader petals nearly all have white centers. . . . . 1000 seeds .75

**Polyantha Stellata, Blue.** Rich, dark blue, 2 ft. . . . . 1000 seeds .50

**Salmon-Pink,** a fine new shade. . . . . 1000 seeds .75

**Cineraria Maritima Candidissima (Dusty Miller)** . . . . .  $\frac{1}{4}$  oz., 25c .15 \$0.90

**Maritima Diamond.** Leaves pure white.  $\frac{1}{4}$  oz., 25c .15 .90

### Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft. Trade pkt. Oz.

**Albatross.** Pure white. . . . . \$0.15 \$1.00

**Appleblossom.** A good rose-pink. . . . . .15 1.00

**Brilliant.** Double salmon. . . . . .15 1.00

**Carmine Queen.** Deep carmine. . . . . .15 1.00

**Chieftain.** Mauve. . . . . .25

**Enchantress.** Salmon-pink. . . . . .15 1.00

**Firebrand.** Copper scarlet. . . . . .15 1.00

**Illumination.** Orange and rose. . . . . .15 1.00

**La France.** Pale salmon pink. . . . . .15 1.00

**Mayblossom.** Pure glowing rose. . . . . .15 1.00

**Orange King.** A good orange. . . . . .15 1.00

**Purple Prince.** Rich purple. . . . . .15 1.00

**Queen Mary.** Carmine. . . . . .15 1.00

**Rosy Morn.** Beautiful rose color, very double. . . . . .15 1.00

**Salmonea Perfecta.** True salmon, extra double .15 1.00

**Scarlet Queen.** . . . . . .15 1.00

**White Prince.** . . . . . .15 1.00

**Vaughan's Special Mixture.** . . . . . .15 1.00

**Clianthus Dampieri (Glory Pea of Australia)** dark red and black, 24 in. . . . . .35

**Cobaea Scandens.** Purple. . . . . .15 .60

**Fl. Alba** White. . . . . .

**Cockscomb.** See Celosia.

**Coix Lachrymae.** Corn Beads, Job's Tears. lb., \$2.00 .20

**Corn.** Ornamental Indian Squaw. Multi-colored kernels. . . . . lb., \$1.00 .15

**Convolvulus Major (Morning Glory).** Mixed, lb. \$1.00 .15

**Crimson Rambler.** Bright ruby red. . . . . .15 .50

**Mauritanicus.** Fine trailing species. . . .  $\frac{1}{4}$  oz., 50c .25 1.80

**Dwarf Royal Ensign.** Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders. . . . .  $\frac{1}{4}$  oz., \$1.00 .25

**Cuphea Platycentra (Cigar Plant).** Russet orange, excellent for pots and borders. 1 ft. . . . . .35

**Firefly.** This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months. . . . .  $\frac{1}{4}$  oz., \$1.00 .25

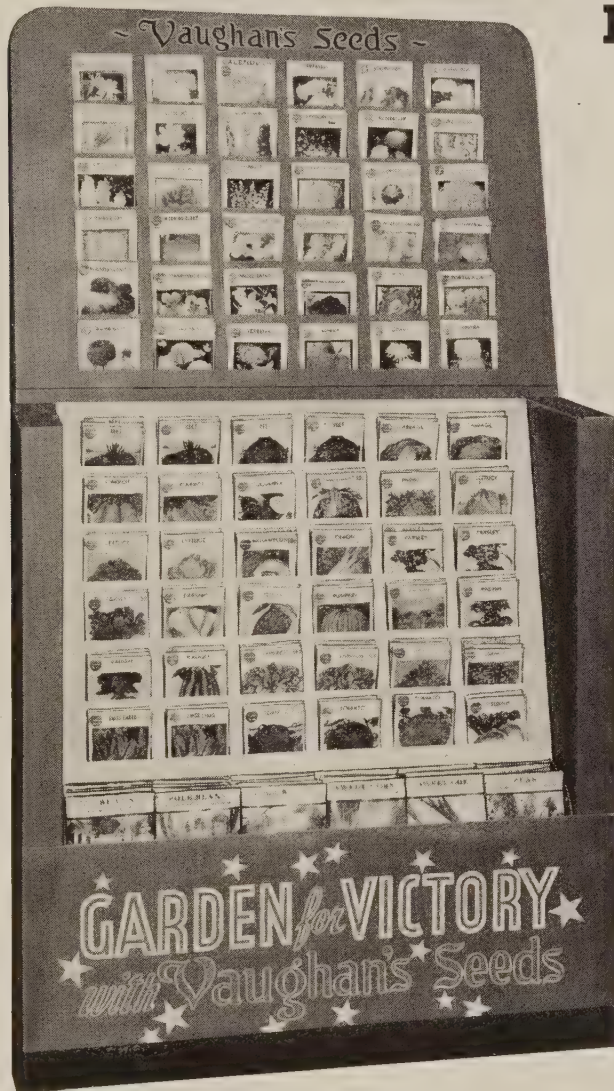
**Avalon Hybrids.** Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliated plants with flowers of lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion, with all intermediate shades. . . . .  $\frac{1}{8}$  oz., \$1.00 .25



# Sell Vaughan's Vegetable Seeds

## • FOR VICTORY GARDENS •

Sales of vegetable seeds doubled in 1942, and in 1943 they are expected to double again. Millions of gardeners who have grown only flowers will make a place for vegetables in 1943; and you must have vegetable seeds to sell. If not, they will take their trade elsewhere. Our assortments include both vegetable and flower seeds.



OUR RED, WHITE AND BLUE RACK FOR 1943

### Red, White and Blue Display

We shall continue to use for 1943 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The slogan on the lower panel has been changed to read "Garden for Victory with Vaughan's Seeds." The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a brilliant eye-catching combination and will give your store a patriotic atmosphere.

Design and construction of the rack will otherwise follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets.

**Our New Packets.** All flower seed packets of 1943 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

**Brilliantly Colored Posters and Streamers.** Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

## Sign and Mail Now! To Get Vaughan's Seeds Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

Flower and Vegetable       Flower Seed Only \_\_\_\_\_ 19 \_\_\_\_\_

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1943.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name \_\_\_\_\_

Your Address \_\_\_\_\_

Sign here \_\_\_\_\_



# BUYERS: Give this Check List the "Once Over" When Ordering

## ITEMS TO START IN JANUARY

**FLOWER SEEDS**  
**Agathe** (for cutting)  
**Ageratum** (Spring plants)  
**Antirrhinum** (for cutting)  
**Asparagus Sprengerii**  
 Plumosus Nanus  
**Balsam** (Bush var.) (for pot culture)  
**Begonias** (Spring plants)  
**Browallia** (for pot cutting)  
**Calendulas** (for cutting)  
**Candytuft** (for cutting)  
**Campanula** (Annual, for pot culture)  
**Carnation** (Annual, for plants)  
**Centaurea Candidissima** (Dusty Miller)  
 Gymnocarpa (Dusty Miller)  
 Cyanus Cornflower (for cutting)  
**Chrysanthemum** (Annual cutflower)  
**Cineraria Maritima** (Dusty Miller)  
**Clarkia** (for cutting)  
**Cobaea Scandens**  
**Coleus Glory**  
**Cuphea** (for plants)  
**Cynoglossum** (for cutting)  
**Dahlias Unwin** (fine pot plants) (plant tubers for Mother's Day)  
**Daisy Bellis** (B)  
**Dracaena Indivisa** (for pot plants)  
**Gloxinia** (for pot culture)  
**Gypsophila** (Annual)  
**Impatiens** (Fine for shade)  
**Kalanchoe** (for pot plants)  
**Larkspur** (Annual, for cutting)  
**Leptosyne** (for cutting)  
**Lilium Praecox** White Queen (for spring 1944)  
**Lilium Creole X White Queen** Hybrid  
**Linaria** (for combination)  
**Lobelias** (Spring plants)  
**Lupins** (Annual, for cutting)  
**Marigolds Dwarf** (for combination)  
**Matricaria Golden Ball** Pots and bedding  
**Mimulus** (for pot culture)  
**Nemesia** (for combination)  
**Nierembergia Hippomanica** (for pot culture)  
**Pansies Super Maple Leaf** Giants Mixed Largest Super Swiss Giants (color range, size, earliness)  
**Petunias All Double**  
**Phlox** (Dwarf varieties for combinations)  
**Salpiglossis** (for cutting)  
**Salvia** (for plants)

Planted in January	Benching	Blooming	Culture
Agathe	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	Aug.-Dec.	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	
Centaurea Cyanus	Feb.	April	Sow directly in flats, bench. One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August culture.
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	
Lilies Shangri La	Jan. 1	April 15	50°-55°
Lilies Shangri La	Jan. 15	May 1	50°-55°

## ITEMS TO START IN FEBRUARY

**FLOWER SEEDS**  
**Ageratum**  
**Antirrhinum** (Tom Thumb for combinations)  
**Asparagus Plumosus Nanus**  
**Asparagus Sprengerii**  
**Asters** (for forcing)  
**Calendula**  
**Campanula Annual**  
**Candytuft** (Dwarf for combinations)  
**Carnation Annual** (for plants)  
**Centaurea Cand.** (Dusty Miller)  
**Centaurea Cyanus**  
**Dahlias Unwin** (Fine pot plant)  
**Dracaena Indivisa**  
**Gypsophila Annual**  
**Larkspur**  
**Lilium Praecox** White Queen (for spring 1944)  
**Lilium Creole X White Queen** Hybrid  
**Linaria** (for combinations)  
**Marigold** (Dwarf for combinations)

**FLOWER SEEDS—Continued**  
**Schizanthus** (Vaughan's Master-piece)  
**Smilax**  
**Solanum** (Xmas Cherry or Pepper)  
**Stocks Column and Branching**  
**Strawberries** (Baron Solemacher)  
**Streptocarpus** (Pot plant)  
**Sweet Peas** (Early Spencer and Intermediate)  
**Torenia Fournieri** (for pot culture)  
**Verbena Dwarf** (for combinations)  
**Vinca Rosea** (plants)

**GREENHOUSE**  
**Azaleas**  
**Ageratum R.C.**  
**Carnation R.C.**  
**Geraniums 2 1/4" or R.C.**  
**Hydrangea R.C.**  
**Cyclamen Seedlings**  
**Fancy Leaved Caladiums**  
**Lantana 2 1/4"**

**BULBS**  
**Amaryllis**  
**Begonias** (Tuberous Rooted)  
**Gladiolus**  
**Gloxinias** (Tuberous Rooted)  
**Lilies Shangri La**  
**Tuberose**

**SUPPLIES**  
**Aluminum Phosphate**  
**Bamboo Stakes**  
**Bone and Blood**  
**Formaldehyde Dust**  
**Handy, Sowrite Seed Model**  
**Hormodin**  
**Horn Shavings**  
**Hose Couplings**  
**Loma**  
**Nikoteen**  
**Paper Pots**  
**Flower Boxes**  
**Peat Moss**  
**Pot Labels**  
**Rootone**  
**Red Arrow**

**VEGETABLE SEED**  
**Cabbage**  
**Cauliflower**  
**Celery**  
**Egg Plant**  
**Parsley**  
**Pepper**  
**Radish**  
**Tomatoes**

**Culture**  
 Pinch February 15th.  
 Sow directly in flats, bench. One pinch.  
 Grow 2" or shallow flats. Poor soil. Grow under partial shade.  
 Sow directly in flat or bench. Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M. Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.

Keep bushy.  
 Pinch March.  
 Grow below 50°.  
 See August culture.  
 Pinch March.  
 Do not pinch later than July 1.

**Maurandia** (Vine for shady window boxes)  
**Mignonette** (for cutting)  
**Mimulus** (for pots)  
**Nasturtiums** (Double flowering for cutting)  
**Nemesia** (Combination)  
**Nierembergia Hippomanica**  
**Petunias**  
**Phlox** (Dwarf varieties for combinations)  
**Primula Obconica**  
**Salpiglossis** (for cutting)  
**Salvia** (for plants)  
**Stocks** (Column and branching)  
**Streptocarpus** (Pot plant)  
**Sweet Peas** (Late varieties)  
**Thunbergia** (Vine)  
**Torenia** (for pot plants)  
**Verbena** (Spring plants)  
**Vinca Rosea** (plants)  
**Zinnia** (for cutting inside)

## ITEMS TO START IN FEBRUARY—Continued

**GREENHOUSE**  
**Azaleas**  
**Lantana 2 1/4"**  
**Hydrangea R.C.**  
**Geranium 2 1/4" or R.C.**  
**Chrysanthemum R.C.**  
**Carnation R.C.**  
**Vinca R.C.**  
**Fancy Leaved Caladiums.**  
**Ageratum R.C.**  
**Verbena R.C.**  
**Cyclamen Seedlings**  
**Cannas**  
**Dahlia**

**BULBS**  
**Amaryllis**  
**Begonias**  
**Caladiums Esculentum**  
**Gladiolus**  
**Gloxinias**  
**Lilies Shangri La**

**SUPPLIES**  
**Arsenate of Lead**  
**Bone & Blood**  
**Bone Meal**  
**Evergreen**

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	
Lilies Shangri La	Feb. 1	May 15	50°-55°
Lilies Shangri La	Feb 15	June 1	50°-55°

## ITEMS TO START IN MARCH

### FLOWER SEEDS

**Alyssum**  
**Antirrhinum** (for plants)  
**Asparagus Plumosus Nanus**  
**Asparagus Sprengerii**  
**Asters** (for forcing)  
**Calendula**  
**Clarkia** (for cutting)  
**Celosia** (Dwarf for combinations)  
**Centaurea Cyanus** (outside)  
**Dahlias Unwin** (Fine pot plant)  
**Dimorphotheca** (for plants)  
**Gerbera** (Transvaal Daisy)  
**Gomphrena** (Combination pots)  
**Grevillea Robusta** (Filler)  
**Gypsophila** (A) For cutting  
**Ipomoea Clark's Early Heavenly Blue.**  
**Larkspur** (outside)  
**Lupinus** (Annual)  
**Marigolds**  
**Mesembryanthemum** (pots)  
**Nasturtiums**  
**Petunias**  
**Phlox** (Dwarf varieties for combinations)  
**Primula Obconica**  
**Primula Sinensis**  
**Salpiglossis**  
**Salvia**  
**Solanum** (Xmas Cherry or Pepper)  
**Stative Sinuata**  
**Sweet Peas** (outside)  
**Ursinia** (plants)  
**Venidium** (plants)  
**Verbena**  
**Zinnia** (for cutting inside)

### VEGETABLE SEED

**Beans**  
**Carrots**  
**Onion Sets**  
**Peppers**  
**Radish**  
**Spinach**  
**Turnip**

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Dec. and later	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.
Lilies Shangri La	March 1	June 10	50°-55°.
Lilies Shangri La	March 15	June 25	50°-55°.

### SUPPLIES—Continued.

**Florafoil**  
**Hormodin**  
**Loma**  
**Match Sticks**  
**Paper Pots**  
**Picks**  
**Red Arrow**  
**Semesan**  
**Bamboo Stakes**  
**Snarol**  
**Cyclamen**  
**Vigoro**

### VEGETABLE SEED

**Cabbage**  
**Cauliflower**  
**Celery**  
**Egg Plant**  
**Endive**  
**Lettuce**  
**Mushroom Spawn**  
**Onion**  
**Onion Sets**  
**Parsley**  
**Pepper**  
**Radish**  
**Tomato**

### Culture

Lighted Feb. 10 on Use late var.  
 Grow restricted containers. Dry side.  
 Do not use peat.  
 Grow below 50°.  
 See August culture.  
 (Latest pinch July 1, Pots)

## ITEMS TO START IN MARCH

### FLOWER SEEDS

**Alyssum**  
**Antirrhinum** (for plants)  
**Asparagus Plumosus Nanus**  
**Asparagus Sprengerii**  
**Asters** (for forcing)  
**Calendula**  
**Clarkia** (for cutting)  
**Celosia** (Dwarf for combinations)  
**Centaurea Cyanus** (outside)  
**Dahlias Unwin** (Fine pot plant)  
**Dimorphotheca** (for plants)  
**Gerbera** (Transvaal Daisy)  
**Gomphrena** (Combination pots)  
**Grevillea Robusta** (Filler)  
**Gypsophila** (A) For cutting  
**Ipomoea Clark's Early Heavenly Blue.**  
**Larkspur** (outside)  
**Lupinus** (Annual)  
**Marigolds**  
**Mesembryanthemum** (pots)  
**Nasturtiums**  
**Petunias**  
**Phlox** (Dwarf varieties for combinations)  
**Primula Obconica**  
**Primula Sinensis**  
**Salpiglossis**  
**Salvia**  
**Solanum** (Xmas Cherry or Pepper)  
**Stative Sinuata**  
**Sweet Peas** (outside)  
**Ursinia** (plants)  
**Venidium** (plants)  
**Verbena**  
**Zinnia** (for cutting inside)

### VEGETABLE SEED

**Beans**  
**Carrots**  
**Onion Sets**  
**Peppers**  
**Radish**  
**Spinach**  
**Turnip**

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Dec. and later	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.
Lilies Shangri La	March 1	June 10	50°-55°.
Lilies Shangri La	March 15	June 25	50°-55°.

### SUPPLIES

**Bamboo Stakes**  
**Bone Meal**  
**Bull Dog Clips**  
**Chip Mats**  
**Crepe Paper**  
**Cyanogas**  
**Flower Boxes**  
**Flower Potfoil**  
**Glazine Material**  
**Labels**  
**Loma**  
**Match Sticks**  
**Nicofume**  
**Pot Tie**  
**Raffia**  
**Red Arrow**  
**Soil Tester**  
**Stake Fasteners**  
**Tinsel Ribbon**  
**Twine**

### GREENHOUSE

**Azaleas**  
**Buddlea**  
**Cannas**  
**Dahlias**  
**Chrysanthemum R.C.**  
**Daisy Chiffon**  
**Fancy Leaved Caladiums**  
**Geraniums 2 1/4" or R.C.**  
**Hydrangea R.C.**  
**Tritoma**

### BULBS

**Begonias**  
**Caladiums Esculentum**  
**Cinnamon Vines**  
**Gladiolus**  
**Gladiolus Display Case**  
**Gloxinias**  
**Ismene**  
**Leucocoryne**  
**Lilies Shangri La**  
**Madeira Vines**  
**Montbretias**  
**Ranunculus**  
**Tuberose**

### GRASS SEED



# Give this Check List the "Once Over" When Ordering

## ITEMS TO START IN APRIL

- FLOWER SEEDS**  
 Asparagus Sprengeri  
 Plumosus Nanus  
 Asters (for forcing)  
 Balsam Bush var.  
 Calendula  
 Celosia  
 Centaurea Annual Sorts  
 Cosmos  
 Delphinium (P)  
 Dianthus Annual Pinks  
 Euphorbia Variegata (for cutting filler)  
 Freesias (Sow in flats will bloom in Jan.)  
 Gaillardia (A) (Spring plants)  
 Gypsophila (A) (for cutting)  
 Ipomoea Heavenly Blue (Clark's early)  
 Lupinus (A) (Annual)  
 Marigolds (Spring plants)  
 Nasturtiums  
 Nicotiana  
 Primula Obconica  
 Primula Sinensis  
 Saponaria "Pink Gypsophila"  
 Scabiosa (for cutting)  
 Statice Sinuata  
 Strawflower Helichrysum  
 Zinnia (for cutting inside)

- VEGETABLE SEED**  
 Asparagus Roots  
 Kohlrabi  
 Onion Sets

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Mums. R.C. & Poms	June	Oct.-Dec.	
Mums. R.C. & Poms	June	Dec.-Feb.	Lights started Aug. 10. Use only for 1/2 hour at midnight.
Garza and late Poms. R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	
Lilium Shangri La	April 1	June 25	
Lilium Shangri La	April 15	July 10	

## ITEMS TO START IN MAY

- FLOWER SEEDS**  
 Antirrhinum Ghse. var.  
 Asparagus Plumosus Nanus  
 Asparagus Sprengeri  
 Calendula (outside for cut)  
 Campanula medium sorts (B)  
 Delphinium (P)  
 Digitalis (B)  
 Forget-me-not (For Jan. flwg. Early Blue Bird)  
 Freesias (Sow in flats will boom in Jan.)  
 Gourds (Start in pots)  
 Gypsophila (A) (for cutting)  
 Lupinus Annual (outside)  
 Primula Malacoides  
 Primula Obconica  
 Scabiosa (outside for cutting)  
 Zinnias (outside for cutting)

- BULBS**  
 Tuberoses  
 Lilium Shangri La

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Poinsettias	Make cuttings in	July-Aug.	Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Poms. R.C.	Early-Mid. July	Jan.-Feb.	
Late Mums	Early-Mid. July	Dec.-Feb.	
Lilium Shangri La	May 1	July 15	
Lilium Shangri La	May 15	July 25	

## ITEMS TO START IN JUNE

- FLOWER SEEDS**  
 \*Achillea (P) (Tall cutting varieties)  
 Alyssum Saxatile (P)  
 \*Anthemis (P) (for cutting)  
 Antirrhinum (Greenhouse var.)  
 \*Aquilegia  
 Arabis (P)  
 Asparagus Plumosus Nanus  
 Asparagus Sprengeri

- FLOWER SEEDS—Continued**  
 \*Asters (Perennial varieties)  
 Aubrietia (P)  
 Begonias (for Xmas plants)  
 Calceolaria  
 Campanula Calycanthema (B)  
 Candytuft  
 \*Carnation (P)  
 Cineraria

- BULBS**  
 Chip Mats  
 Bamboo Stakes  
 Insecticides (resale)  
 Loma  
 Peat Moss

- GREENHOUSE**  
 Azaleas 2 1/4" and up for growing on  
 Buddlea  
 Cannas  
 Chrysanthemum R.C.  
 Cyclamen Seedlings  
 Dahlias  
 Daisy Chiffon  
 Delphinium  
 Geraniums 2 1/4" or R.C.  
 Hydrangeas  
 Tritoma

- SUPPLIES**  
 Anemone  
 Begonias  
 Gladiolus  
 Gloxinias  
 Lilium Shangri La  
 Ornithogalum  
 Rannunculus  
 Tigridias  
 Tuberoses

## ITEMS TO START IN JUNE—Continued

- FLOWER SEEDS—Continued**  
 \*Coreopsis (P)  
 Cyclamen  
 \*Centaurea (P)  
 \*Daisy Shasta (P) Single & Double  
 \*Delphinium (P)  
 \*Dianthus Barbatus (B)  
 Digitalis (B)  
 \*Doronicum (P)  
 Dracaena Indivisa  
 Gloxinia (for pots)  
 \*Gaillardia (P) (for cutting)  
 \*Gypsophila (for cutting) (A)  
 \*Helenium (P) (for cutting)  
 Helianthemum (P)  
 Heuchera (P)  
 Lunaria (P)  
 \*Lupinus (P) (Annual and Perennial)  
 Lychnis (P)  
 \*Matricaria (P)  
 Primula Chinese (pots)  
 Primula Malacoides (pots)  
 Primula Obconica (pots)  
 \*Pyrethrum (P) (for cutting)  
 \*Scabiosa Caucasica  
 Statice (P)  
 Sweet Peas (early Flwg.)  
 Wallflower

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings	June 15	Aug. Jan. & later	
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.
Lilium Shangri La	June 1	Aug. 10	
Lilium Shangri La	June 15	Aug. 25	

## ITEMS TO START IN JULY

- FLOWER SEEDS**  
 Agathe (Blue Daisy)  
 Anchusa (P)  
 \*Anthemis (P)  
 Antirrhinum  
 Armeria (P)  
 Asparagus Plumosus  
 Asparagus Sprengeri  
 Begonia (for Xmas plants)  
 Bellis (B)  
 Calceolaria  
 Calendula  
 Campanula (B)  
 \*Centaurea Perennial vars.  
 Cineraria  
 Clarkia  
 Cyclamen  
 \*Daisy Shasta (Single & Double)  
 \*Delphinium (P)  
 Dianthus Plumarius  
 Didiscus Coeruleus Improved  
 Digitalis (B)  
 Dracaena Indivisa  
 \*Gaillardia (P)  
 \*Geum (P)  
 Gypsophila  
 \*Helenium (P)  
 Heuchera (P)  
 Hollyhocks (P)  
 \*Liatris (P)  
 \*Lupinus (P)  
 Lychnis (P)  
 Marigold (Ghse. var.)  
 \*Matricaria (Feverfew)  
 Mignonette  
 Myosotis (P)  
 Nasturtiums  
 Pansies (outside for spring plants)  
 Pansies (Greenhouse long stem var.)

Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 sets of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15.	Xmas & later Use early var. Grow below 50° for setting buds.	
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.
Lilium Shangri La	July 1	Sept. 5	Start 50° until 4 in.
Lilium Shangri La	July 15	Sept. 20	Start 50° until 4 in.

- FLOWER SEEDS—Continued**  
 \*Starred perennial varieties are valuable for cutting besides plant sales.  
 (A) means Annual; (B) means Biennial; (P) means Perennial.

- BULBS**  
 Gladiolus  
 Lilium Shangri La
- GREENHOUSE**  
 Bouvardia 2 1/4"  
 Chrysanthemum R.C.  
 Gaillardia Sun God  
 Table Fern Seedlings

- SUPPLIES**  
 Bone Meal  
 Hose & Couplings  
 Insecticide Refills  
 Loma  
 Nicofume  
 Bordeaux Mixture  
 Pomo Green  
 Red Arrow  
 Sulfate of Aluminum  
 Super Phosphate  
 Vigoro

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings	June 15	Aug. Jan. & later	
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.
Lilium Shangri La	June 1	Aug. 10	
Lilium Shangri La	June 15	Aug. 25	

## ITEMS TO START IN JULY

- FLOWER SEEDS—Continued**  
 Platycodon (P)  
 Poppy (P)  
 Primula Malacoides  
 Primula Obconica  
 Primula Sinensis  
 \*Pyrethrum (P)  
 Salpiglossis  
 \*Scabiosa (P)  
 Schizanthus  
 \*Statice (P)  
 Stocks  
 Sweet Pea (Early)  
 \*Sweet William (B)  
 \*Tritoma (P)  
 Veronica (P)  
 Viola (B) (Spring plants)  
 \*Starred perennial varieties are valuable for cutting and plant sales.  
 (A) means Annual; (B) means Biennial; (P) means Perennial.

- BULBS**  
 Gladiolus  
 Lilium Shangri La  
 Hardy Lilies  
 Fall Flowering Crocus

- SUPPLIES**  
 Bone Meal  
 Hose & Coupling  
 Red Arrow  
 Sphagnum Moss  
 Vigoro

- GREENHOUSE**  
 Table Fern Seedlings

Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 sets of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15.	Xmas & later Use early var. Grow below 50° for setting buds.	
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.
Lilium Shangri La	July 1	Sept. 5	Start 50° until 4 in.
Lilium Shangri La	July 15	Sept. 20	Start 50° until 4 in.



# Vaughan's Novelties and Specialties for 1943



PETUNIA. All-Double America

## ALL-AMERICA WINNERS

**PETUNIA All-Double America.** Silver Medal All-America 1943. America is the all-double type, of medium size, carnation-flowered, and rose-pink in color, somewhat a reminder of the color of Gladiolus America, which for many years was our most popular Glad. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts, for bedding and cutting. It is uniform and true. 200 seeds, 75¢; 500 seeds, \$1.75; 1000 seeds, \$3.00; 1/64 oz., \$11.00.

**MARIGOLD, Sunkist.** Silver Medal All-America 1943. It is a dwarf, compact, very early, continuous blooming, double French Harmony type. It comes practically true, 6 to 12 inches tall, and the many attractive flowers are to 1 1/2 in. across. For bedding, edging and pot-culture. Companion variety for the already popular Butterball. Trade pkt., 35¢; 1/4 oz., 70¢; oz., \$2.40.

**PETUNIA Igloo.** Bronze Medal All-America 1943. A new extra compact white Petunia. The chief advantages of this new Petunia are its free blooming habit and its compact and uniform growth. The flowers are medium size, pure white with a slight yellowing in the throat, and are 100% true. Every flower is just exactly alike. The fact that the plant remains so uniformly compact throughout the entire season (if the soil is not too rich) makes it ideal for borders. Every plant is a perfect mound of white 8 to 10 inches high, reminding one of an Eskimo igloo. Trade pkt., 50¢; 1/2 oz., \$1.00.

**ASTER, Extra Early Giant Crego, Navy Blue.** Honorable Mention All-America 1943. First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. 1/8 oz., 50¢; 1/4 oz., 85¢; oz., \$2.50.

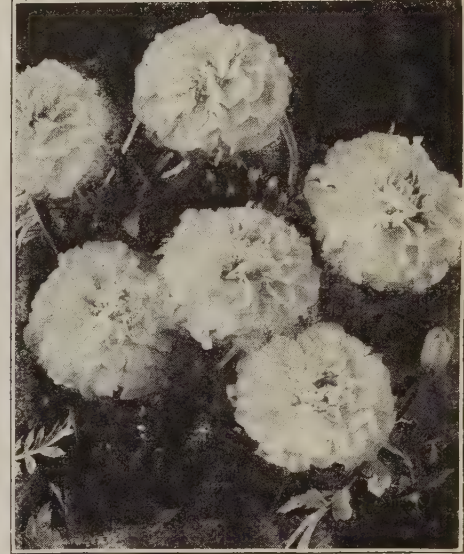
**ASTER Victory Giants Mixed.** All-America Honorable Mention 1943. This is an extra early Giants of California Type. It has strong straight cutting stems on sturdy branching plants 3 feet tall. Crown flowers average 5 inches across, and colors include salmon pink not found in the California type and are with out reds. Trade pkt., 50¢; 1/4 oz., \$1.25; oz., \$4.00.

**COSMOS, Giant Sensation, Dazzler.** Honorable Mention All-America 1943. Very rich, deep amaranth crimson, 3 to 4 inch flowers on plants from 30 inches as they start blooming to an ultimate 5 to 6 feet. The flower size, color shades and a few plants showed variance in the trials, chiefly showing with the few taller, later blooming plants. Trade pkt., 25¢; 1/4 oz., 55¢; oz., \$1.80.

**PETUNIA, English Violet.** Honorable Mention All-America 1943. This rosy mauve-violet or purple-violet, medium-sized, hybrida nana variety brings a distinct new color to this class. With the habit of Blue Bedder, this very free-flowering plant of 12 to 15 inches is true and uniform. Trade pkt., 50¢.



ASTER. Extra Early Giant Crego, Navy Blue



MARIGOLD. Sunkist

## AGERATUM

**Dwarf Blue Bedder.** The average height of Dwarf Blue Bedder is four inches. The habit of growth is uniform, and the compact little plants are alive with large clusters of deep lavender-blue flowers. The coloring is richer and deeper than that of Blue Ball Improved. Ideal as an edging or low border. Trade pkt., 50¢; 1/4 oz., \$1.25; oz., \$4.00.

**Golden Ageratum.** This is called an Ageratum, as the effect of fluffy golden balls, carried in many close clusters, resembles the perennial ageratum, but this is an annual whose botanical name is Lonas Inodora. 12 in. Trade pkt., 50¢.

**ANTIRRHINUM Majus Grandiflorum Rust Resistant Reveille.** 22 in. Softly tinted by the golden rays of an early sunrise, Reveille is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon yellow. Base branching habit, each plant producing several large spikes of bloom. Trade pkt., 50¢.

**ASTER Giant Harmony.** Fine new florist type, long stems, basal branching 4 to 4 1/2 in. flowers with quilled centers.

**Moonlight.** (Azure Blue) **Sunrise.** (Soft apricot pink)

**Morning Mist.** (Mid Blue)

Each of the above: Trade pkt., 30¢; 1/4 oz., 60¢; oz., \$2.00.

## BEGONIA SEMPERFLORENS

**Ile de France.** The best white. The foliage is identical to Christmas Cheer, only light green. The flowers are 1 1/4 in. to 1 1/2 in., pure white, with bright yellow stamens. They grow in compact form, not to exceed 12 in. in height and approximately the same width. Trade pkt., \$1.00; 1/64 oz., \$2.00.

**Masterpiece.** One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage. Trade pkt., \$1.00.

**Snow.** Pure white blossoms, green foliage. Trade pkt., \$1.00; 1/64 oz., \$2.00.

**CALENDULA Giant Glowing Gold.** 2 1/2 ft. Vivid color coming between gold and orange which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems. Trade pkt., 25¢; 1/4 oz., 40¢; oz., \$1.20.

**CALENDULA Orange Fluffy.** 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3 1/2 inches, semi-double, with petals increasingly erect towards the center. Flowers profusely on long, strong stems. Trade pkt., 25¢; 1/4 oz., 50¢; oz., \$1.40.

**CARNATION Super Giant Mixed.** A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. Very double and strongly close scented. Trade pkt., 50¢; 1/4 oz., \$1.45; oz., \$5.00.

**CELOSIA Gilbert's Maple Gold.** The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. Trade pkt. (300 seeds), 50¢.



## CHRYSANTHEMUM

**Maximum Fringed Semi-Double and Double.** The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. Trade pkt., 50c;  $\frac{1}{4}$  oz., 90c; oz., \$3.00.

**Carinatum Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cut-flower this lovely Chrysanthemum will prove of outstanding value. See front cover for illustration. Trade pkt., 30c;  $\frac{1}{4}$  oz., 60c; oz., \$2.00.

**Goldwings.** Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season. Trade pkt., 25c.

**CLEOME Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink. The large flower bracts turn to white before falling, giving an appearance of a white collar with a pink cap. Reaches over 4 feet, well branched airy foliage, blooming from June until frost. Trade pkt., 35c;  $\frac{1}{4}$  oz., 75c; oz., \$2.40.

**COLEUS Glory.** A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain, it is unequalled for the beautiful form and coloring of its large leaves. Sow seed January 1st for Memorial Day plants. Trade pkt., 75c.

**COSMOS Yellow Flare.** Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow, described as golden yellow by some judges. Even more striking in color, 3 to 4 feet tall, and an excellent garden flower. Free blooming on long wiry stems, airy serrated foliage. Trade pkt., 20c;  $\frac{1}{4}$  oz., 40c; oz., \$1.20.

**DAHLIA Unwin's Dwarf Hybrids.** XXX Strain. The plants are dwarf, semi-double flowers of the most attractive form in fine range of color. Seed sown in March, plants will be in bloom by end of June. Seed sown in January and early February and grown cool will make fine plants for Mothers' Day. These dwarf Dahlias are very popular for border planting and bedding work. Trade pkt., 25c;  $\frac{1}{4}$  oz., 65c; oz., \$2.20; 4 oz., \$6.50.

**DIANTHUS BARBATUS (Special) Giant White.** Enormous trusses of bloom. Pkt., about 200 seeds, 50c; 3 pkts. for \$1.40.

**DIANTHUS Heddewigii Gaiety.** Very large, showy fringed flowers; wide range of lovely colors, pure white to crimson. Trade pkt., 35c;  $\frac{1}{4}$  oz., 65c; oz., \$2.00.

**DIMORPHOTHECA Glistening White.** 6 to 8 in. The flowers are large, 4 in. across, the purest of all white flowers with a violet halo around its black center. Easy to grow, has a long season of bloom. Trade pkt., 25c;  $\frac{1}{4}$  oz., 70c; oz., \$2.40.

**DELPHINIUM BLUE MIRROR.** This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal disposition. Height  $1\frac{1}{2}$  to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. See front cover for illustration. Trade pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

## FREESIAS

Sow seed in cold frame in middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. Lift plants in the middle of Sept. Will flower in January with large blooms on long stems.

**Buttercup.** A good yellow. 100 seeds, 75c; 1000 seeds, \$5.60.

**Princess Mary.** Blood red. 100 seeds, 50c; 1000 seeds, \$2.60.

For other varieties see General List.

**GAILLARDIA Sunshine.** Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms,  $2\frac{1}{2}$  to 3 in. across on stiff stems.  $2\frac{1}{2}$  ft. tall. Trade pkt., 25c;  $\frac{1}{4}$  oz., 65c; oz., \$2.20.

**HELIANTHUS Sun Gold.** Brilliant golden yellow large double globe shaped flowers. Free blooming, 100% double, even and true shape. 4 to 5 ft. Trade pkt., 15c;  $\frac{1}{4}$  oz., 25c; oz., 80c.

## KALANCHOE

**Gold Hybrids.** The first yellow Kalanchoe. It contains all shades from yellow to orange. The flowers are as durable as those of the type but twice as large and are borne in clusters on stiff stems. Trade pkt., \$1.25.

**Tom Thumb.** A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelop the entire plant. 1000 seeds, \$1.25;  $\frac{1}{64}$  oz., \$5.00.

KALANCHOE—Continued

**Hybrida Flame.** In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes. Pkt., \$1.25.

**LIATRIS Scariosa, September Glory.** A giant 6-foot spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. Trade pkt., 50c;  $\frac{1}{4}$  oz., \$1.40; oz., \$5.00.

## LARKSPUR

**Super Majestic.** A valuable addition to the Larkspur family. Flowers are large, fully double and closely packed in long spikes. The long tapering laterals branch from the base of each plant and grow close to the main stem. The height when well grown is more than five feet. The vigorous growth and abundance of blossom makes Super Majestic valuable to florists.

**Super Majestic Lavender.** Trade pkt., 35c;  $\frac{1}{4}$  oz., 50c; oz., \$1.65.

**Super Majestic Rose Pink.** Trade pkt., 35c;  $\frac{1}{4}$  oz., 50c; oz., \$1.65.

**Super Majestic White.** Trade pkt., 50c;  $\frac{1}{4}$  oz., 75c; oz., \$2.70.

**Empress Rose Bud.** 33 in. The plants are bushy, semi-dwarf in habit and require no support for their heavy trusses of flowers. Rose Bud is a deep salmon pink color with extremely double flowers. Trade pkt., 35c;  $\frac{1}{4}$  oz., 50c; oz., \$1.80.

**LILY Creole X White Queen Hybrid.** A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen. Lilies are easily raised from seed with care and patience. Trade pkt., \$1.25;  $\frac{1}{8}$  oz., \$2.80;  $\frac{1}{4}$  oz., \$5.00; oz., \$15.00.

## MARIGOLD

**Dwarf Chrysanthemum-flowered, Golden Bedder.** A very early variety, and of uniform habit. Plants form symmetrical mounds, covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type petals or miniature flowers. Trade pkt., 25c;  $\frac{1}{4}$  oz., 50c; oz., \$1.80.

**Dwarf French Double, Melody.** Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer, except in the most northern locations. Valuable for commercial use. Trade pkt., 25c;  $\frac{1}{4}$  oz., 45c; oz., \$1.60.

**Dwarf French Double, Butterball.** Most attractive, very compact, Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Rich, dense foliage, well covered with small  $1\frac{1}{4}$  inch blooms. Trade pkt., 25c;  $\frac{1}{4}$  oz., 50c; oz., \$1.80.

**Dwarf Gigantea, Pot O'Gold.** 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. Trade pkt., 25c;  $\frac{1}{4}$  oz., 50c; oz., \$1.80.

**Mission Giant, Yellowstone.** Bright rich clear yellow counterpart to Goldsmith, with large,  $2\frac{1}{2}$  inch flowers, on luxurious, large plants. Late blooming and lasting until frosts. Flowers are of double, incurved, Chrysanthemum-like form, and very attractive. Rather late for the most northern, short season, locations. Uniformly 3 to 5 feet tall. Trade pkt., 25c;  $\frac{1}{4}$  oz., 65c; oz., \$2.20.

**Honeycomb.** 15 in. This odorless deep orange belongs to the Double Dwarf African type. Peculiar and unusual formation makes it a distinct variety. Trade pkt., 35c;  $\frac{1}{8}$  oz., 70c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

## MORNING GLORY

**Improved Pearly Gates.** A sport from and seemingly identical in growth, foliage and bloom, except white in color, with Clark's Early Heavenly Blue Morning Glory. A big satiny white, with a creamy shading in the throat, gives this a beautiful appearance. Reaches 12 feet, with luxurious foliage. Trade pkt., 35c;  $\frac{1}{4}$  oz., 45c; oz., \$1.40.

**NIEREMBERGIA, Coerulea, Purple Robe.** This is a half hardy perennial, treated as an annual, blooming in about 15 weeks from sowing. It prefers full sun, sandy loam, and makes a grand border and edging subject. Very dwarf, about 6 inches tall, cushion-like plant, surmounted with flowers the color of Silver Blue Petunia. Trade pkt., 50c;  $\frac{1}{32}$  oz., \$1.65;  $\frac{1}{16}$  oz., \$3.00.

**PANSY Swiss Raspberry Rose.** An entirely new color in the Swiss Pansies. A lovely shade best described as Raspberry Rose. It is the same color as a delicious ripe berry of the same name. Has a suggestion of lighter shade on edge of petals and marked with a velvety blotch in a deeper tone. Trade pkt., \$1.00.

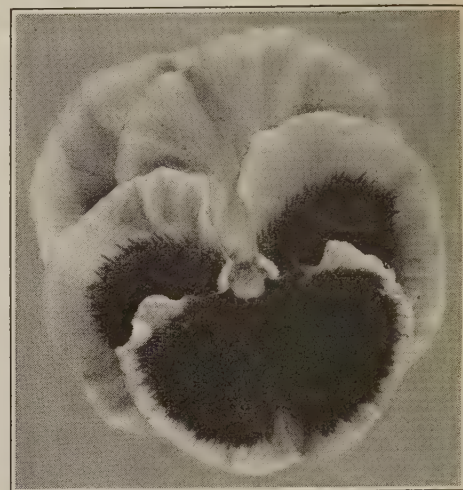




CELOSIA Gilbert's Maple Gold



MARIGOLD Honeycomb



PANSY Swiss Raspberry Rose

## PETUNIA

**Large Flowering Single Fringed Blushing Maid.** The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias. Trade pkt., 50c.

All Double Petunias separate sorts and mixed—See general list.

**Hybrida Compacta. Windmill Pink.** The growth is very compact and branching, attaining at maturity a height of 10-12 in. and a spread of 15-18 in. At no time does the plant become "leggy" but always presents a solid mass of deep green foliage studded with blooms. The 2 inch flowers have slightly fringed edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat. Awarded "special merit" rating in the New York Florist Club variety test at the New Jersey Experiment Station and given an Award of Merit as a pot plant by the New Jersey Florist Assn. 1000 seeds, 50c.

**PHLOX, Gigantea, Red Glory.** Here is the richest bright red, with contrasting white eye, of this same type, and no less valuable than the salmon-pink and rose varieties. Its color is the same as Scarlet Flax; a free, continuous bloomer, tall lightly foliaged, uniform and true. Trade pkt., 35c; ¼ oz., 85c; oz., \$3.00.

## PRIMULA GIORGIS

(This is a cross between Primula Malacoides and Primula Chinen-sis Fimbriata.)

The flower formation is that of the Chinese Primrose, while the short compact thick foliage reveals the Malacoides blood. Finely fringed, double rowed, single flowers 1¼ inches in diameter. Dark green foliage. The color is a strong carmine rose with a strong yellow center. Trade pkt., \$1.50.

**PRIMULA Obconica Gigantea Wyaston Wonder.** A new type of Primula Obconica, producing flowers of truly immense size; it is by far the largest flowered variety in existence. The general growth of the plant is of exceptional vigor and robustness; the foliage of fine growth and texture. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant. Trade pkt., \$1.00; ¼ oz., \$4.00; ½ oz., \$12.00.

**RUDBECKIA, Starlight.** This large-flowered, semi-double selection out of Kelvedon Star, is certainly a free bloomer. Its doubleness varies from fully double to single, mostly with about three rows of petals. Coloring is from primrose yellow to mahogany and bicolors with mahogany centers. Unique for cutting and arrangements, with nice long stems. About 3 feet tall, branching plants. Trade pkt., 35c; ¼ oz., \$1.00.

**SALVIA Farinacea Royal Blue.** Grows erect and of more intense color than Blue Bedder. Fine bushy plants, nice long spikes for cutting, and true. Trade pkt., 35c; ¼ oz., \$1.00; oz., \$3.60.

**SALVIA SPLENDENS, Blaze of Fire.** New bright scarlet, dwarf early flowering, 10 in. Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00.

**SCHIZANTHUS, Ryders' Chelsea Bedding.** The bushy little plants are so compact and neat and so smothered by the butterfly-like blooms that each one is a bouquet in itself. Has a wide range of colors. The plants average only 9 inches in height. Trade pkt., 75c.

## SWEET PEA

### SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early-flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

### STANDARD VARIETIES

Blue. Clear Pink. Light Lavender. Lavender.  
Mauve. Rose-Pink.

Each of the above, ½ oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

### NEW VARIETIES

**Black Seeded White Improved.** Outstanding pure white frilled flower. ½ oz., 30c; oz., 50c; ¼ lb., \$1.65; lb., \$6.00.

**Light Blue.** Rich light blue. ½ oz., 60c; oz., \$1.00; 4 ozs., \$3.60.

**Mixed All Colors.** ½ oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

## VERBENA

**Hybrida Gigantea Annapolis Blue.** It is several tones lighter than navy or dark blue. Large trusses of 3 in. flowers, habit spreading, flowers in shades of light to mid-blue may be found in one flower which blends beautifully to make a deep Belladonna blue. Trade pkt., 50c; ¼ oz., \$1.20.

**Hybrida Gigantea Spitfire.** The plants are very vigorous, carrying many large flowers on upright stems. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret. Trade pkt., 35c; ¼ oz., 75c; oz., \$2.65.

**Hybrida Roseglow.** Color is so luminous that each plant has the appearance of a small flat mountain of fire. Each floret is a deep rose shading to orange scarlet without an eye. Very free flowering. Trade pkt., 25c; ¼ oz., 45c; oz., \$1.55.

**Hybrida Dwarf Red Sentinel.** 6 to 8 in. Fine compact variety of upright habit. Intense bright red without an eye. Duplicate in color of the Spectrum Red in the gigantea class. Trade pkt., 35c; ¼ oz., 80c; oz., \$2.80.

**VINCA Rosea Twinkles.** Large flowers of an unusual soft blush pink with a bright red eye. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

**VIOLA Chinese Blue** is a round-faced type of Viola such as Jersey Gem, Chantreyland, or Blue Perfection. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott. Trade pkt., 50c.

## ZINNIA

**Burpee's Super Giant Zinnias.** Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like Dahlia-flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades of cream, buff, apricot, salmon, rose and orange predominate with yellow, white, scarlet and crimson, and many two- and three-tone effects. Trade pkt., 35c; ¼ oz., 60c; oz., \$2.00.



# Vaughan's <sup>The</sup> World's <sup>Best</sup> Flower Seeds

## Seed Stocks Are Short!

All the flowers you can grow this year will be assured of a market at good prices. Production has been short and all indications are that it will continue so; while demand is at a record level. In spite of the difficulties due to war, we hold stocks or expect delivery of every item listed. Since replacements are uncertain, however, we urge you to order early, to make sure of obtaining your season's requirements in full. A heavy demand for vegetable plants in the spring should be expected.

Buyers of seeds are dependent upon the experience, ability and integrity of the seedsmen to insure the quality and identity of the seeds they buy. Our customers are protected by the skill of an organization which for more than sixty years has specialized in seeds for florists.

Carl Cropp, vice president of Vaughan's Seed Store since 1884, and his son Carl Jr., are in touch with expert growers; by frequent inspection trips and careful checking in our trial gardens, they make sure that we supply you with the best seeds obtainable in the world.

**TESTING AND TRIALS** Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds.

**Flower Seeds for Summer Sowing.**—We issue a special catalogue in June. Should you fail to receive one, please write for it.

**For Seeds of Perennials and Biennials,** see pages 37 to 50.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ½ lb. is at the oz. rate; ½ oz. is at the ounce rate only when the price per ounce is 20c or more and ½ oz. rate is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

**Cash Discounts on Flower Seeds: On all orders for flower seeds, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed, except Cyclamen seed, which is net.**

	Trade pkt.	Oz.
<b>Abronia Umbellata</b> (Sand Verbena). Rose. 10 in....	\$0.10	\$0.60
<b>Acroclinium Double Giant Mixture.</b> Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open.....	.15	1.00
<b>Agapanthus Umbellatus</b> (Blue Lily of the Nile). Does well out of doors in all southern states... ¼ oz., 65c	.35	2.40

## Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft.....	.15	.60
Album White. 2 ft.....	.10	.50
Blue Ball. Fine dwarf rich blue variety. ¼ oz., 45c	.20	1.50
Blue Ball Improved. 4-5 in..... ¼ oz., \$0.80	.25	2.80
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball.....	¼ oz., \$1.25	.50 4.00
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform..... ¼ oz., \$0.75	.25	2.80
Blue Perfection. True blue. 6 in.....	.15	1.00
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose..... ¼ oz., \$1.65	.50	....
Imperial Dwarf White. 6 in.....	.15	.80
Little Blue Star. Tiny bushes, flowers light blue with red center. 4 in..... ¼ oz., 65c	.25	2.20
Midget Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers... ¼ oz., \$1.50	.35	5.20



**AGERATUM Midget Blue**  
Trade pkt., 35c; ¼ oz., \$1.50; oz., \$5.20.

	Trade pkt.	Oz.
<b>AGERATUM—Continued</b>		
Mexicanum Purple Perfection. Richer and deeper blue..... ¼ oz., 40c	\$0.20	\$1.40
Venus, Pink. 6 in..... ¼ oz., 70c	.25	2.40
Golden (Lonas Indora). 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings.....	.50	....
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft..... ¼ oz., 80c	.35	....
<b>Agrostemma Coeli-Rosa</b> (Rose of Heaven). Rose. 12 in.	.15	.65
<b>Alyssum Maritimum</b> (Sweet Alyssum) 10 in. lb., \$2.60	.10	.30
<b>Snow Cloth.</b> A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties... lb., \$6.00	.15	.70
<b>Compactum Lutescens.</b> Straw yellow. 6 in.....	.15	.60
<b>Vaughan's Little Gem.</b> This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in..... lb., \$6.00	.15	.60
<b>Violet Queen.</b> A very pretty bright violet tint. It has the usual honey-like odor of the white variety.... ¼ oz., 40c	.15	1.20
<b>Amaranthus Molten Fire.</b> Fiery crimson and maroon..... ¼ oz., 35c	.15	1.00
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy. 30 in..... ¼ oz., 30c	.15	.90
Tricolor Splendens. Very beautiful foliage. 3 ft.....	.15	.80
Vaughan's Special Mixture..... ¼ oz., \$0.35	.15	1.00
<b>Amberboa Muricata</b> (Star of the Desert). 2½ ft. Blossoms three inches across of tyrian purple. Excellent for cutting.....	.35	....
<b>Anagallis Grandiflora Coerulea.</b> Dark blue. 10 in....	.15	.60
Grandiflora, Mixed. Rich and showy.....	.15	.60
Terra Cotta. Red.....	.15	.60
<b>Anchusa Capensis</b> , Blue Bird. Vivid indigo, 18 in....	.15	.60



# "SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

### SPECIAL OFFER—WHERE PRICE IS:

- \$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55
- \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50
- \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (\*) are best for early winter flowering.  
 Varieties followed by a cross (X) we can supply in 1/2 trade pkts. at 60c each.

## NEW INTRODUCTIONS

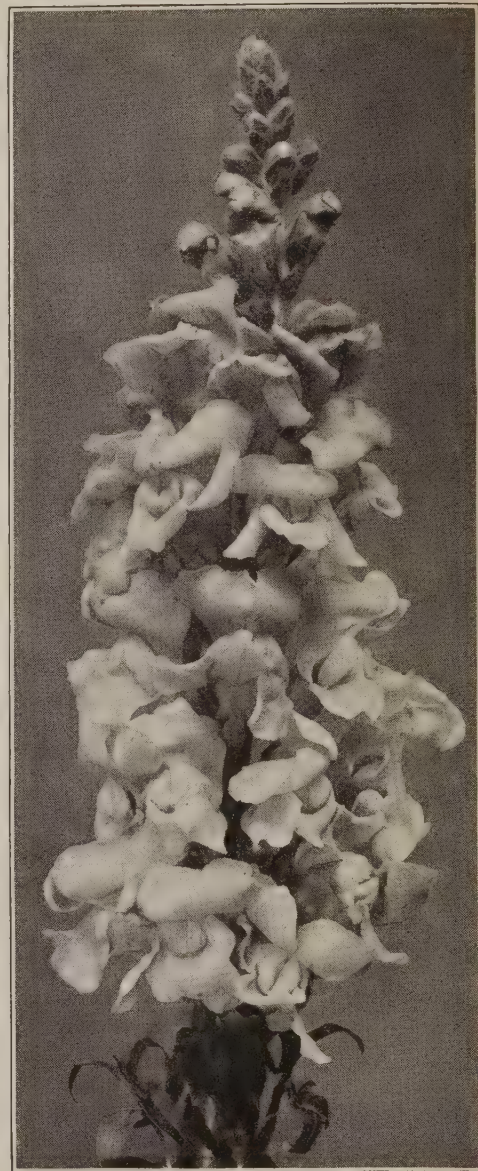
	Trade pkt.
<b>America (Hodaly).</b> Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage	\$1.50
<b>*Better Times</b> (1942 edition) (Windmiller.) A real American Beauty Rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day	2.00
<b>Bronze Christmas Cheer</b> (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1 3/4 to 2 inch individual florets. No grassy growth; non-shattering	2.00
<b>Carol Jean</b> (Dornacher). A shade lighter than Ethel. (Yellow). Has no wild growth whatever. Will not shatter	2.00
<b>Early Westover's Fringed White</b> (Windmiller). An early development of Westover's Fringed White—carrying the superb Westover qualities down to the first earlies—an ideal wedding bouquet white—good early or late; strong grower, productive and always hard stemmed	2.00
<b>*Koester's White.</b> It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers	1.50
<b>*Maryland Pink</b> (Winkler). Early, light pastel pink. Large flowers. 1/2 trade pkt., \$1.25	2.00
<b>*Radiance</b> (Windmiller). Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original. Excellent keeping qualities and great uniformity. Average height 30 inches. Termed by some florists as "The Gladiolus Flowered Snapdragon."	1.50
<b>Schaffroth's Pink.</b> A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop	2.00
<b>Schaffroth's White.</b> New pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks	2.00

## BRONZE SHADES

<b>Afterglow.</b> Golden bronze Spring flowering X	1.00
<b>*Early Glorious</b> (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales	\$1.50
<b>Ideal (Hodaly).</b> A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed	1.50
<b>Kirkwood Beauty.</b> Bronze with a cast of gold—a striking color. Rather tall grower	1.00
<b>*Miss Wooster.</b> The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety X	1.00
<b>*New Deal.</b> Very early, fragrant, golden bronze	1.00
<b>Roman Gold.</b> Superseded by Suntan	
<b>*Sunlight.</b> Improved Suntan, finest early golden bronze X	1.00
<b>*Suntan.</b> Rose shade of tan with tinge of yellow on lip. Early blooming X	1.00
<b>Talisman</b> (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers	2.00

## PINK AND ROSE SHADES

<b>Ball's Early Pink.</b> Rose pink similar to Radiance	1.00
<b>*Cheviot Supreme Appleblossom</b> (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter	1.00
<b>Cheviot Maid Supreme. Reselected.</b> Deep rose-pink X	1.00
<b>*Christmas Cheer</b> (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops	2.00



CHRISTMAS CHEER

	Trade pkt.
<b>Daybreak.</b> Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X	\$1.00
<b>*Gilbert's Pink Queen Supreme.</b> This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads	1.50
<b>*La France</b> (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem	1.50
<b>Marie Louise</b> (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set	2.00
<b>*Milady.</b> Good early rose pink	1.00
<b>*New Cincinnati.</b> The finest light rose X	1.00
<b>Peggy Schumann</b> (Schumann). Pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots	2.00
<b>*Rose-Pink Cheviot Supreme</b> (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January	1.00
<b>Rose Queen.</b> Dark pink X	1.00
<b>St. Louis Pink</b> (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer	1.50
<b>Terry's Surprise, Improved.</b> Pink and bronze shades, late	1.00

## RED

<b>*Christmas Red.</b> Extra early crimson	1.00
<b>Velvet Beauty.</b> Rich American Beauty red in color X	1.00
<b>Velvet Supreme.</b> We recommend Christmas Red as a substitute.	



## "SNAPS" For Greenhouse Forcing—Cont'd

### LAVENDER

	Trade pkt.	Oz.
Bertha Baur. Standard lavender.....		\$1.00
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Spring flowering.....	1.00	
Schumann's Lavender. A true color, heaviest spike and unquestionably the leader.....	2.00	
*Windmill's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color.....	1.50	

### WHITE

<b>Cheviot Maid Pure White.</b> Superseded by <b>Lucky Strike Improved, White Wonder and Koester's White.</b>		
* <b>Lucky Strike.</b> Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X...	1.00	
* <b>Lucky Strike Improved.</b> Earlier than the original.....	1.50	
<b>Marion White</b> (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage..	1.50	
<b>Snow White</b> (Windmill). Late white for Easter and Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.00	
<b>Westover's Fringed White.</b> A great favorite in the East. Sow for late crop X.....	1.00	
* <b>White Wonder.</b> A fine pure white. Free and early X.....	1.00	

### YELLOW

* <b>Ceylon Court. Dark Selection.</b> Canary yellow. Our introduction X.....	1.00	
* <b>Cheviot Maid. Yellow.</b> (Volz).....	1.00	
<b>Coate's Yellow Perfection.</b> Deep golden yellow. Spring flowering X.....	1.00	
* <b>Ethel.</b> Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof..	1.50	
<b>Gorgeous</b> (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums.....	2.00	
<b>Klondyke Supreme.</b> Deep intense golden yellow with extra large individual florets, sow early, continuous bloomer. Later than Ethel.....	1.00	
<b>Schumann's Yellow.</b> Fine large yellow.....	2.00	
<b>Sunray.</b> Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	2.00	
* <b>Yellow Wonder</b> (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers.....	1.50	
<b>Greenhouse Varieties Mixed.</b> With pinks predominating..	.75	

## "Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

	Trade pkt.	Oz.
<b>Avalanche.</b> Pure White.....	1/4 oz., \$1.00	\$0.30
<b>Dawn of Day</b> .....	1/4 oz., \$1.00	.30
<b>Delight.</b> Apricot.....	1/4 oz., \$1.00	.30
<b>Eldorado.</b> Yellow.....	1/4 oz., \$1.00	.30
<b>Evensong.</b> Chamois.....	1/4 oz., \$1.00	.30
<b>Golden Dawn.</b> Golden buff, overlaid salmon.....	1/4 oz., \$1.00	.30
<b>Orange King.</b> Rich orange.....	1/4 oz., \$1.00	.30
<b>Red Chief.</b> Rich deep scarlet.....	1/4 oz., \$1.00	.30
<b>Rose Beauty.</b> Rose-pink self.....	1/4 oz., \$1.00	.30
<b>Rose Marie.</b> Light salmon, gold center... 1/4 oz., 60c		.30
<b>Rose Princess.</b> Giant flower, brilliant cerise rose with center overlaid gold.....		.50
<b>Rosella.</b> Rich glowing rose.....	1/4 oz., \$1.00	.30
<b>Twilight.</b> Delicate rosy salmon.....		.30
<b>Majestic Varieties, mixed</b> .....	1/4 oz., 75c	.25 2.40

## Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2 1/2 inches wide on long sturdy stems that are fine for outdoor cut flowers.

	Trade pkt.	Oz.
<b>Appleblossom.</b> Rosy pink, white tube.		
<b>Canary Bird.</b> Canary-yellow.		
<b>Copper King</b> (Indian Summer). Copper shades.		
<b>Old Gold.</b> Beautiful art shade.		
<b>Purple King.</b> Rich, velvety purple.		
<b>Snowflake.</b> White.		
<b>The Rose.</b> Pure rose.		
<b>Wallflower colors.</b>		
Each of the above.....	1/4 oz., 45c	.15
<b>Maximum.</b> Many kinds, mixed.....	1/4 oz., 45c	.15 \$1.40

## SNAPDRAGONS—Continued

### Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

	Trade pkt.	Oz.
<b>Black Prince.</b> Deep crimson. Dark foliage.....	1/4 oz., 80c	\$0.15
<b>Empress.</b> Rich velvety crimson.....	1/4 oz., 65c	.15
<b>Flame.</b> Improved Defiance.....	1/4 oz., 80c	.25
<b>Gloria.</b> Rich, deep rose-pink.....	1/4 oz., 80c	.15
<b>Golden Monarch.</b> Good yellow.....	1/4 oz., 75c	.15
<b>Golden Queen.</b> Yellow.....	1/4 oz., 80c	.15
<b>Guinea Gold.</b> Glowing bronzy orange-yellow throat.....	1/4 oz., \$1.20	.50
<b>Nelrose.</b> Rose-pink.....	1/4 oz., 60c	.15
<b>Prima Donna.</b> Terra-cotta pink, suffused primrose, excellent for florists' use.....	1/4 oz., 60c	.15
<b>Purity.</b> White.....	1/4 oz., 85c	.25
<b>Red Emperor.</b> Rich deep scarlet, compact habit..		.25
<b>Royal Rose.</b> Rich deep rose.....	1/4 oz., \$1.20	.50
<b>St. George.</b> A new shade of orange cerise.....	1/4 oz., \$1.20	.50
<b>Vaughan's Special Mixture, semi-tall sorts</b> .....	1/4 oz., 55c	.25 1.80

### Dwarf Sorts

	Trade pkt.	Oz.
<b>Tom Thumb.</b> Sow some dwarf Snapdragon in February. By the middle of May they will develop into heavy 2-inch pot plants with 6 or more flower spikes, if you will grow them in 50 deg. house and shift and pinch a few times. 6 in.		
<b>Baby Rose.</b> Very free flowering, compact plants covered with flowers of a deep, pink self tint. Much deeper in color than the Magic Carpet... \$0.35		
<b>Mixed, all colors, each</b> .....	1/4 oz., 75c	.25
<b>Magic Carpet.</b> A Snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden.....		.25

### Antirrhinum Rust-Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

#### LARGE FLOWERING TALL 2 1/2 ft.

(Majus Grandiflorum)

	Trade pkt.	Oz.
<b>Brilliant Rose.</b>		
<b>Daintiness.</b> Rose-pink, white throat.		
<b>Opal Queen.</b> Beautiful shades of pink tinged with salmon and with an overlay of apricot. A pale yellow nose emphasizes the striking beauty of this color combination.		
<b>Orange Shades.</b>		
<b>Padre.</b> Crimson.		
<b>Rosalie.</b> A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.		
<b>Salmon Pink.</b>		
<b>Shasta.</b> Pure white, extra free flowering.		
<b>Stoptlight.</b> A vivid copper scarlet, both flower and tube being one color.		
<b>Yellow Jacket.</b> A clear deep yellow.....	Oz., \$2.40	
Each of the above.....	1/4 oz., 75c	\$0.25
<b>Reveille.</b> Rich yellow.....		.50
<b>Vaughan's Majus Grandiflorum Mixture.</b> A truly outstanding blend.....	1/4 oz., 70c	.25 2.40

#### LARGE FLOWERING DWARF

<b>Amber and Gold.</b>		
<b>Antique Gold.</b> Shades of old gold, copper, fawn and orange.		
<b>Appleblossom.</b> Rose pink, white tube.		
<b>Du Barry.</b> Flaming salmon rose.		
<b>Gypsy Girl.</b> Carmine, yellow nose.		
<b>Ruby.</b> Velvety carmine crimson.		
Each of above.....	1/4 oz., 75c	.25

The superintendent of a large midwest city wrote us as follows on September 19, 1942:

"Black Prince brought a lot of attention from the visitors in the garden and we think that it is as good a bedding Snapdragon as we have ever seen. It is very uniform in growth and the color is something to write home about."

"Personally I will take my hat off any time to Snapdragon St. George. I think it has the most substantial kind of blossom that any Snapdragon could possibly have and the size of the blossoms together with the color, immediately attracts the attention of the visitors."



**ANTIRRHINUM RUST RESISTANT STRAINS—Continued**

**SUPER MAJESTIC**

	Trade	pkt.	Oz.
Orange Shades.....	¼ oz., \$1.00	\$0.35	.....
Red Rocket.....	¼ oz., \$1.00	.35	.....
Rose Shades.....		.35	.....
Shell Pink.....		.35	.....
Rose Sensation. Richest, most charming shade of pink with just a touch of salmon. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered.....	¼ oz., \$1.00	.35	.....
Royal Crimson.....	¼ oz., \$1.00	.35	.....
Silver Pink.....	¼ oz., \$1.00	.35	.....
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend.....	¼ oz., 75c	.35	.....

**MAXIMUM OR SUPER GIANTS**

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.	Golden Glory. Deepest yellow.
Autumn Glow. Copper shades.	Indian Summer. Coppery rose scarlet.
Campfire. Pure luminous scarlet.	Loveliness. Pure soft rose-pink.
Canary Yellow.	Paradise Rose. Salmon.
Copper King. Shining copper color.	Pink Sensation. Pure pink, frilled flowers.
Crimson. Fiery crimson.	Red Cross. Glowing velvet crimson.
Daffodil. Beautiful two-tone yellow.	Swing Time. Rose-pink.
Fair Lady. Silver pink, white tube and yellow tip on lip.	
Each of the above.....	¼ oz., 70c .25 \$2.40
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend.....	¼ oz., 70c .25 2.40
Golden Rod. Bright golden yellow waved flowers, strong grower.....	¼ oz., \$1.00 .25

**Vaughan's Special Mixture.** All Rust Proof varieties..... ¼ oz., 85c .35 2.80

Aralia Sieboldi. 100 seeds, 25c; 1,000 seeds, \$2.00.	
Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.....	.15 .60
Breviscapa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc. 6 in. ....	¼ oz., 90c .35
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch.....	¼ oz., 90c .35 3.00
Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting.....	.20

**Asparagus**

Write for prices on larger lots.

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.50; oz., \$1.00; lb., \$10.00.
Sprengeri. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.50; oz., \$1.00; lb., \$10.00.

Baileya Multiradiata (Desert Sunray). The plant is a foot tall with grayish-green, woolly stems and foliage, and the handsome flower is an inch and a half across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color.....	Trade pkt. Oz.
..... ¼ oz., 85c	\$0.35 \$2.80
Bachelor's Button. See Centaurea Cyanus.	



ASTER VAUGHAN'S WILT RESISTANT. GIANT BRANCHING AND CREGO TYPES.

**Asters  
WILT-RESISTANT**

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

**AURORA**

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft. Fine for cutting. Trade pkt., 30c; ¼ oz., 60c; oz., \$2.00.

**CREGO—2 feet**

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Crimson.	Lavender	Violet
Blue Flame	Deep Rose	Pink	White
Cattleya (Orchid shades)		Purple	

Each of the above.....	¼ oz., 60c	\$0.30 \$1.85
Crego Mixed, all colors.....	¼ oz., 50c	.25 1.75

**EARLY BEAUTY—2 to 3 feet**

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	Black Prince (deep marine violet)	Crimson
Carmine Rose	Purple	
White	September Beauty	

Each of the above.....	¼ oz., 60c	\$0.30 \$1.85
Mixed, all colors.....	¼ oz., 45c	.25 1.65



**ASTER VAUGHAN'S WILT RESISTANT—Continued**

**EARLY GIANT**

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. With practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

	Trade pkt.	Oz.
Light Blue.....	¼ oz., 80c	\$0.30 \$2.65
Peachblossom. Opens white, flushes lavender pink.		
.....	¼ oz., 80c	.30 2.65
Rose Marie. Rich lively shade of rose.....	¼ oz., 90c	.35 3.20
Mixed, three varieties.....	¼ oz., 70c	.30 2.40

**GIANT BRANCHING**

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink	Sensation (deep red)	
Deep Rose	Purple	White	
Lavender			Trade pkt. Oz.
Each of the above.....	¼ oz., 60c	\$0.30	\$1.85
Mixed, all colors.....	¼ oz., 50c	.25	1.65

**QUEEN OF THE MARKET—18 inches**

**The Standard Early-Flowering Type**

Azure Blue	Crimson	Dark Blue	Flesh Pink	
Light Blue	Scarlet	White	Rose	Trade pkt. Oz.
Each of the above.....	¼ oz., 55c	\$0.30	\$1.85	
Mixed, all colors.....	¼ oz., 45c	.25	1.65	

**THE ROYAL—2 feet. Early-Flowering Branching**

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Dark Lavender	Rose-Pink	
Peachblossom	Shell Pink	
Purple	White	Trade pkt. Oz.
Each of the above.....	¼ oz., 55c	\$0.30 \$1.85
Mixed, all colors.....	¼ oz., 45c	.25 1.60

**OTHER VARIETIES**

**Ball White. Early.** Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

**Ball White. Late.** Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

**Ball Phlox Pink.** Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

**Ball Deep Rose.** Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

**Ball Deep Purple.** Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main midseason supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., \$1.85.

**California Giant, Purple.**..... ¼ oz., 85c \$0.35 \$2.80

**Giant Mammoth Peony Flowered, Silvery Rose.**  
Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers..... ¼ oz., 70c .35 2.40

**Giant Comet, Mixed.**..... ¼ oz., 50c .25 1.65

**Heart of France.** Glowing ruby-red..... ¼ oz., 60c .30 2.00

**King.** All colors mixed. Flowers, large and full, needle-like strong petals. August..... ¼ oz., 50c .25 1.80

**Ostrich Feather Mixed, all colors.**..... ¼ oz., 50c .25 1.80

**PRINCESS NEW CRESTED**

**Princess Asters** have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

**Princess Anne.** Delicate pink turning to rose as they mature.

**Princess Bonnie.** Beautiful soft salmon rose with a center of rich gold.

**Princess Marsha.** A strong vibrant cinnabar scarlet, Trade pkt. Oz. gold center. Each of above..... ¼ oz., 60c \$0.30 \$1.85

**ASTERS IN MIXTURE**

Trade pkt. Oz.

**Vaughan's Florists' Mixture.** Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors..... lb., \$16.00; ¼ oz., 50c \$0.25 \$1.80

**Vaughan's Special Mixture of Wilt-Resistant Varieties.** This is a mixture of the most beautiful and distinct colors of the tall-growing Asters. ¼ oz., 70c .30 2.40

**Wilt-Resistant Single Giants of California.**

Deep Lavender	Flesh	Rose	
Deep Pink	Purple	White	
Each of the above.....	¼ oz., 45c	.25	1.50
Mixed, the above.....	¼ oz., 45c	.25	1.50

**STANDARD BRED ASTERS**

**CALIFORNIA GIANT SUNSHINE**

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom	Purple (Alpen Glow)
Enchantress Pink	Rose (Rainbow)
Light Blue (Blue Moon)	White (Moonbeam)
Light Lavender (Stratosphere)	

	Trade pkt.	Oz.
Each of the above.....	¼ oz., \$1.00	\$0.35 \$3.20
Mixed, all colors.....	¼ oz., 70c	.30 2.40

**CALIFORNIA GIANTS—2½ to 3 feet**

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Dark Purple	Light Purple	
Carmine Rose	Deep Rose	Peachblossom	
Crimson	Light Blue	White	Trade pkt. Oz.
Each of the above.....	¼ oz., 75c	\$0.35	\$2.45
Mixed, all colors.....	¼ oz., 60c	.25	2.00

**Extra Early Giant Crego, Navy Blue.** First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inch, strong cutting stems. Narrow, purplish green foliage and stems. Honorable Mention All-America Award 1943..... ½ oz., 50c; ¼ oz., 85c 2.50

**GIANT HARMONY**

Fine cut flower type, long stems, basal branching. Flowers with quilled centers.

Moonlight (Azure blue)	
Morning Mist (Mid blue)	
Sunrise (Soft apricot pink)	Trade pkt. Oz.
Each of above.....	¼ oz., 60c \$0.30 \$2.00

**Super Giant Los Angeles.** The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink..... ¼ oz., 85c .35 2.80

**Super Giant El Monte.** Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period..... ¼ oz., 80c .35 2.80

**GIANT PEONY FLOWERED—2½ to 3 ft.**

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy (Azure blue)	Peachblossom (White flushed pink)	
Maiden's Blush (Delicate pink)	Rose Bud (Deep rose)	
Purple Robe (Deep purple)	Swan's Down (Pure white)	Trade pkt. Oz.
Each of the above.....	¼ oz., 65c	\$0.35 \$2.00
Mixed, all colors.....	¼ oz., 55c	.25 1.80

**IMBRICATED POMPON—20 in.**

Flowers very freely produced, often as many as 20 to a plant. Blooms very early. The small round Pompon blossoms have an outside row of short guard petals.

Rose.....	¼ oz., \$1.20	\$0.50 \$4.00
White.....	¼ oz., \$1.20	.50 4.00

**New Victory Giants Mixed.** An All-American Honorable Mention 1943. Extra early Giants of California type. Long straight stems. Flowers include salmon pink but no reds. 3 ft..... ¼ oz., \$1.25 .50 4.00





BUSH BALSAM MIXED. Trade pkt., 25c; oz., \$2.40.

## Balsam

**Bush Balsam.** Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

Scarlet                      Rose                      White

	Trade pkt.	Oz.
Each of the above.....	¼ oz., 70c	\$0.25 \$2.40
Bush Mixed.....	¼ oz., 70c	.25 2.40
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem.....		.15 .80

## Novelty Begonias

**Homeran.** All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous. Excellent as a house plant.

**Homeran Crimson.** Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose, makes a splendid bedder. 15 to 18 in..... 1.00

**Homeran Rose.** A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in..... 1.00

**Homeran White.** Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in..... 1.00

## Begonia — Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

**Pink Pearl and Gracilis Adeline.** Regret sold out, we suggest **Semperflorens Masterpiece** as substitute.

**Red Pearl.** As this variety is not available this year, we recommend **King of the Reds** instead.....

**Gracilis Carmen.** Bright rose flowers, bronze foliage... 1.00

**Carmen Scarlet.** See Indian Maid.

**Dwarf Luminosa.** Extra dwarf, scarlet. Fine for pots. 8 in..... 1.00

**Fireball.** Fiery crimson. 10 in..... 1.00

**Gerda Seeger (Heterosis Variety).** Compact growth, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large and free flowering..... 1.00

**Indian Maid (Carmen Scarlet).** 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage..... 1.00

**Luminosa.** Deep dark scarlet foliage reddish brown. 10 in..... 1.00

**Prima Donna.** Limpid rose, shading to carmine, most beautiful. 10 to 12 in..... 1.00



BEGONIA SEMPERFLORENS MASTERPIECE

BEGONIA <i>Gracilis</i> —Continued	Trade pkt.	Oz.
Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet, green foliage.....	½ oz., \$2.60	\$1.00
White Pearl. White. 10 in.....	¼ oz., \$1.80	1.00
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet..	¼ oz., \$1.60; ½ oz., \$2.80	1.00
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink.....	¼ oz., \$1.80	1.00
Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in.....		1.00
Semperflorens Albert Martin. Bright carmine, very large flowers. 14 in.....		.50
Compacta Supreme. One of the best dwarf varieties grown, forms a compact ball loaded at all times with bright crimson flowers. When planted out-of-doors, the edges of the leaves turn to a bronze-red.....		1.00
Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green..		1.00
Enchantress. Fresh rose color.....		1.00
Erfordia. Pure La France rose.....	½ oz., \$1.50	.50
Fire Sea (Blaze of Fire). Fiery red flowers, green foliage. 8 in.....		1.00
G. Knaacke. Glowing salmony pink.....		.50
Glow. Foliage green, flowers glowing scarlet.....	¼ oz., \$1.75	1.00
Ille de France. The best white. The foliage is light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mothers' Day.....	¼ oz., \$2.00	1.00
Kaethe Teicher. The flowers are 2½ in. across. The plants about 10 in. high. The strong dark-green foliage forms an effective foil to the pure carmine of the flowers.....		1.00
King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl.....	¼ oz., \$3.00	1.00
Lightning (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. 10 in.....	¼ oz., \$1.65	1.00
Little Midget. A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine..		1.00
Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage.....		1.00



**BEGONIA Semperflorens**—Continued

Trade pkt.	Oz.
Salmon Queen. Large cinnabar red blooms, 12 in.	\$1.00
Scandinavia. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering.	1/4 oz., \$2.40
Snow. Pure white blossoms; green foliage.	1/4 oz., \$2.00
Winter Romance. Carmine pink flowers, light green foliage.	1.00
Special Mixture of Bedding Begonias.	1/32 oz., \$2.40

**BEGONIA TUBEROUS ROOTED**

Grown easily from seed which, sown in January, will make fine pot-plants for spring. This type Begonia is most satisfactory for planting in the shade.

Tuberous-Rooted. Single, mixed, 12 in.	\$1.00
Double Camellia Type, mixed. The largest and most popular of the double types, individual flowers from 5 to 8 inches in diameter resembling camellias and roses in all forms and variations of color.	2.00
Crispa mixture of frilled sorts.	1.00
Double Mixed	1.00

<b>Bell of Ireland.</b> Graceful 2 foot branching stems are so surrounded by 2 inch flowers there is little room for leaves. The bell-shaped calyx is green and delicately veined, containing the white corolla. Both curious and beautiful.	1/4 oz., 75c	.25	\$2.20
<b>Brachycome Iberidifolia</b> (Swan River Daisy). 12 in. Mixed.		.15	.80
<b>Browallia Elata.</b> Blue or Mixed, each.		.20	1.00
Elata. White.		.20	1.00
<b>Speciosa Major.</b> Large deep blue flowers. Fine for pots, 12 in.	1/32 oz., \$1.20	.50	....
<b>Viscosa Compacta Sapphire.</b> Dark blue, white eye, dwarf compact plant for pots and bedding.	1/16 oz., \$1.00; 1/8 oz., \$1.80	.35	....

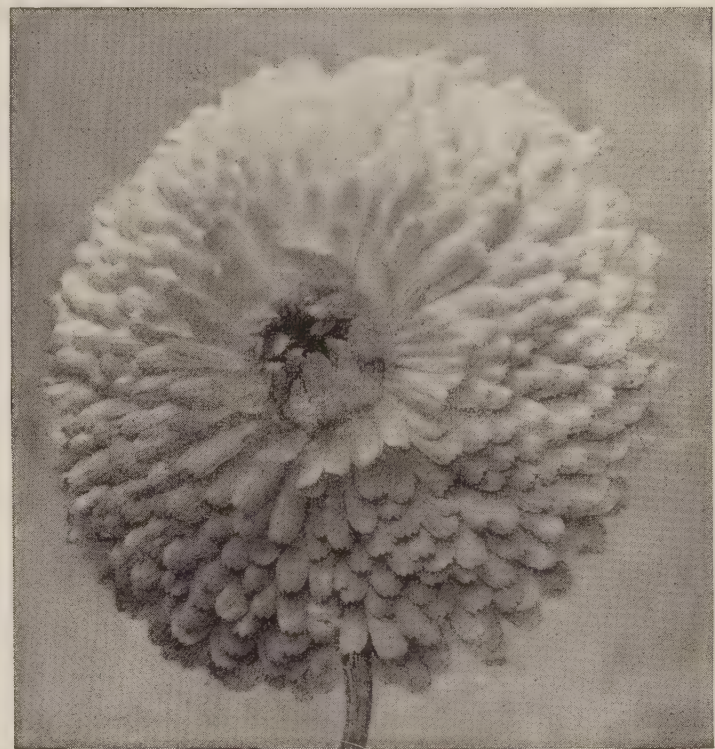
**Calendula**

**BEDDING VARIETIES**

Trade pkt.	Oz.		
<b>New Giant Glowing Gold.</b> 2 1/2 ft. Vivid color, coming between gold and orange, which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems.	1/4 oz., 40c	\$0.25	\$1.20
<b>Orange Fluffy.</b> 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3 1/2 inch. semi-double, with petals increasingly erect towards the center. Flowers profusely on long, strong stems.	1/4 oz., 50c	.25	1.40
<b>Orange King.</b> Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony.	1/4 oz., 25c; lb., \$6.00	.15	.85
<b>Pastel Bedding Mixed.</b> Charming assortment of art shades.	1/4 oz. 50c	.25	1.80
<b>Radio.</b> The flowers are medium size, good depth and clear orange. The petals are quilled.	1/4 oz., 25c	.15	.80
<b>Shaggy Orange.</b> The petals are long and deeply lacinated, orange with darker center.	1/4 oz. 25c	.15	.85
<b>Sunshine or Chrysantha.</b> Petals long, broad and drooping. Buttercup yellow.	1/4 oz., 25c	.15	.80
<b>Yellow Colossal.</b> The well formed, bushy plants grow 18 in. high. Flowers are extremely double, 4 1/2 in. and more across and of a clear, bright yellow.	1/4 oz., 45c	.25	1.40
Vaughan's Special Mixture of bedding varieties.		.20	1.00

**FORCING VARIETIES**

<b>Sensation, Vaughan's Improved (Campfire).</b> Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.	1/4 oz., 60c	.40	2.00
<b>Ball Apricot.</b> Light straw or buff color with dark center.	1/4 oz. 60c	.40	2.00
<b>Ball Gold.</b> Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved.	1/4 oz., 60c; 4 oz. \$6.50	.40	2.00
<b>Ball Lemon Queen.</b>	lb. \$20.00; 4 oz., \$6.50	.40	2.00
<b>Ball Improved Long Orange.</b> Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange.	4 ozs., \$6.50; lb., \$20.00	.40	2.00
<b>Ball Long Orange.</b> Long-stemmed, light center, clear orange.	4 ozs., \$6.50; lb., \$20.00	.40	2.00



CALENDULA VAUGHAN'S IMPROVED SENSATION

**CALENDULA Forcing Varieties**—Continued

Trade pkt.	Oz.		
<b>Ball's Orange Improved.</b> Rich orange, light center. Petals slightly notched.	4 ozs., \$6.50; lb., \$20.00	\$0.40	\$2.00
<b>Ball Masterpiece.</b> Extra long-stemmed, deep orange-brown center.	4 ozs., \$6.50; lb., \$20.00	.40	2.00
<b>Ball White (Moonlight).</b> A beautiful soft cream yellow.	1/4 oz., 40c	.25	1.20
Vaughan's Special Mixture for greenhouse forcing.	1/4 oz., 50c	.25	1.50

**Cactus Seed**

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

	100 Seeds	1000 Seeds	
<b>Cereus (Column-cacti).</b> Mixed.	\$0.50	....	
<b>Cephalocereus Senilis (Old Man Cactus).</b>	.75	....	
<b>Cereus Grandiflorus (Queen of the Night).</b>	1.00	....	
<b>Echinocactus (Hedgehog-cacti).</b> Mixed.	.50	....	
<b>Echinocereus (Cluster-cacti).</b> Mixed.	.50	....	
<b>Opuntia (Fig-cacti).</b> Mixed.	.50	....	
<b>Opuntia. Hardy Mixed.</b>	1/4 oz., 45c; tr. pkt., 25c; oz., \$1.40	....	....
<b>Mammillaria Mixed Wart Cactus.</b>	.50	....	
<b>Cacti. All kinds and forms, mixed.</b>	.35	\$3.00	

<b>California Poppy.</b> See Escholtzia.			
<b>Calandrinia Umbellata</b> Amaranth. Crimson violet. 6 in.	1/4 oz., 80c	.25	2.80

**Calliopsis**

Trade pkt.	Oz.		
<b>Tall All-Double Mixed.</b> 3 ft. high. The best strain of double flowering Calliopsis. Flowers are semi-double and double, 1 to 1 1/2 inches across, borne on long graceful stems that are valuable for cutting. Our mixture contains all of the colors and color combinations to be seen in this family. They flower profusely from early July until autumn.	1/4 oz., 25c	\$0.15	\$0.80
<b>Coronata Maxima (Crown of Gold).</b> Bright yellow. 20 in.		.15	.60
<b>Drummond (Golden Wave)</b> Golden yellow with brown-red ring. 20 in.		.15	.40
<b>Drummond (Golden Crown).</b> Rich golden yellow with a shining maroon central zone.		.15	.60
<b>Semi-Double Gold Crest.</b> A rich golden yellow color with a reddish brown zone. Flowers are 2 1/2 to 3 inches across and come with a double row of mammoth petals.		.15	.60
Vaughan's Special Mixture.		.15	.50
Dwarf Mixed.		.15	.40
<b>Dazzler.</b> Dwarf variety. Dark red flowers edged deep golden yellow.		.15	.60



Campanula. See Perennial Pages.

**Calceolarias New Choice Varieties** Trade pkt.

- Tausendschoen. A cross of C. Rugosa and Grandiflora. Of great freedom of bloom and splendid habit. Color of flower rich golden-yellow with beautiful markings of reddish-brown. . . . . \$1.50
- Scarlet Flame. Of the same origin as above. An entirely new development of this type. A rich, warm scarlet. Highly recommended. . . . . 1.50

**Calceolaria Hybrida** Trade pkt. Oz.

- Hybrida Dobbie's Perfection One of the finest strains in cultivation. Flowers rich and varied in color, beautifully spotted and blotched, and of fine form and substance; habit dwarf, compact, and very free flowering. . . . . 1/4 oz., \$3.00 \$1.00
- Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. . . . . 1.50
- Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. . . . . 1/32 oz., \$4.20; 1/64 oz., \$2.40 1.00
- Monarch Strain. An exceptionally fine strain with large flowers and exquisite markings. 1/4 oz., \$2.25 1.00
- Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1 1/2 inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. . . . . 1/128 oz., \$2.40; 1/64 oz., \$4.40 1.00
- Dark Blood Red. Bright dark velvety red. . . . . 1.50
- Gilbert's Strain. A selection made by a grower in our midwest. Bright colors. . . . . 1.00
- Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage. . . . . 1.00
- Indian Prince. A new selection retaining the fine dwarf, free-flowering habit. The color is rich dark scarlet with an orange suffusion that will contrast richly with the new Golden Tiger of the same class. . . . . 1.25
- Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades. . . . . 1.00
- Kelway's Perfect Model. (Herbaceous.) 1/4 oz., \$2.00 1.00
- Grandiflora, "Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. . . . . 1.00
- Rugosa Major Mixed. 12 in. The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting. . . . . 1.00

**Candytuft**

- Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mothers' day. . . . . 4 oz., \$2.60; lb., \$8.00 .20 .80
- Miniature Gem. A miniature hyacinth-flowered Candytuft about 3 1/2 inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item. . . . . 1/4 oz., 25c .15 .80
- Umbellata Carminea. Carmine. 12 in. . . . . lb., \$4.80 .15 .50
- Alba. White. 12 in. . . . . lb., 4 80 .15 .50
- Flesh-Pink. 12 in. . . . . lb., 4 80 .15 .50
- Lilacina. Lilac. 12 in. . . . . lb., 4 80 .15 .50
- Purpurea. Crimson. 12 in. . . . . lb., 4 80 .15 .50
- Rose Cardinal. Rose-pink. 12 in. . . . . lb., 5 00 .15 .50
- Vaughan's Special Mixed. . . . . . lb., 4 80 .15 .50
- Dwarf Mixed. For pots or combination baskets. . . . . .15 .60
- Crimson. Rich reddish purple. . . . . .15 .60
- Lilac. . . . . . lb., \$6.00 .15 .60
- Rosea. . . . . . lb., \$6.00 .15 .60
- White. . . . . . .15 .60

For Gibraltarica, Tenoreana and Sempervirens, see Perennial Pages.



CELOSIA, PYRAMIDALIS. FLAME OF FIRE Trade pkt., 35c.

**Celosia**

- Childsii (Chinese Wool Flower) Trade pkt. Oz.
- Crimson. Deep Rose. Yellow. 2 ft. Each, 1/4 oz., 50c \$0.25
- Mixed. The above colors. . . . . 1/4 oz., 45c .20
- Cristata (Cockscomb)
- Tall, Crimson. Rose. Chamois. Each. . . . . .25
- Tall Empress. Crimson combs, dark foliage. . . . . .25
- Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. . . . . (300 seeds). .50
- Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft. 1/4 oz., 80c .25
- Tall Sorts, Mixed. . . . . . .15
- Nana Aurea. Dwarf, dark golden. 12 in. . . . . .25
- Empress. Crimson combs, dark foliage. 1/4 oz., 60c .25 \$2.25
- President Thiers. Dark crimson. 12 in. . . . . 1/4 oz., 80c .25
- Rosea. Dwarf. Dark rose combs. 12 in. . . . . .25
- Dwarf Sorts. Extra choice mixed. . . . . 1/4 oz., 80c .25
- Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size. . . . . .50
- Plumosa (Ostrich Feather)
- Crimson. . . . . . 1/4 oz., 50c .25 1.80
- Orange. . . . . . 1/4 oz., 50c .25 1.80
- Scarlet. . . . . . 1/4 oz., 50c .25
- Parrot's Feather, Mixed. . . . . . 1/8 oz., 90c .35
- Pride of Castle Gould, Mixed. . . . . . .25
- Pyramidalis Flame of Fire. 18-20 in. Perfect pyramidal habit with head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet. . . . . 1/8 oz., 70c .35
- Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in. 1/8 oz., 65c .25
- Orange Feather. Golden orange. 15 in. 1/8 oz., 65c .25
- Mixed. . . . . . 1/8 oz., 65c .25
- Thompsoni Magnifica, Mixed. . . . . . 1/4 oz., 60c .25
- Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. . . . . 1/4 oz., 45c .25

**Annual Canterbury Bells**

- Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight pikes of blooms. Trade pkt. Oz.
- Angelus Bell. Deep rose. Mission Bell. Clear pink.
  - Blue Bell. Light blue. Wedding Bell. White.
  - Liberty Bell. Violet blue.
  - Each of the above. . . . . 1/4 oz., 25c \$0.15
  - Mixed, All Colors. . . . . . 1/4 oz., 25c .15
  - Cardinal Climber. . . . . . 1/4 oz., 40c .25 \$1.40



## Carnation

### Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

Deep Rose	Rose-Pink	White	
Flesh-Pink	Salmon-Rose	Yellow	
Maroon	Scarlet		
Each of above	.....	1/4 oz., 90c	\$0.35 \$3.40
Vaughan's Early and Perpetual-Flowering, mixed.	.....	1/4 oz., 85c	.35 3.00

### Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2 1/4 to 2 3/4 inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose		
Salmon	Red		
Each of above	.....	1/8 oz., \$2.00	\$0.50
Mixed, from varieties noted above	.....	1/4 oz., \$1.90	.50 \$6.50
Giant Margaret Mixed, 20 in.	.....	1/4 oz., 65c	.25 2.20
Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3 1/2 to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted.	.....		.50
Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems.	.....	1/16 oz., \$3.20	1.00
Teicher bi-annual mixed. A European variety, producing extraordinary large blooms in a fine range of colors; excellent for cutting.	.....	1/8 oz., \$2.20	.75
Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented.	.....	1/4 oz., \$1.45	.50 5.00
Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Vaughan's Early and Perpetual Flowering.	.....	1/8 oz., \$1.00	.50
For other Carnations, see Perennial Pages.			

**Castilleja Indivisa** (Indian Paint Brush). A very rare annual; rosy pink bracts, intermingled with orange-red. Fine for pots. 1000 seeds, \$2.00.

## Centaurea

### SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

Black Boy. Blackish maroon	.....	4 oz., \$1.45	\$0.15 \$0.45
Blue Boy. Rich deep blue, very large flowers	.....	lb., \$4.50; 4 oz., 1.45	.15 .45
Pinkie. Deep pink	.....	lb., 4.50; 4 oz., 1.45	.15 .45
Red Boy. Deep red	.....	lb., 4.50; 4 oz., 1.45	.15 .45
Snowman. Best white	.....	lb., 4.50; 4 oz., 1.45	.15 .45
Vaughan's Mixture of Super Giant	.....		
New Varieties Mixed	.....	4 oz., 1.45	.15 .45

<b>Centaurea Cyanus. Jubilee Gem.</b> Dwarf blue, 12 in.	Trade pkt.	Oz.
.....	1/4 oz., 35c	\$0.15 \$1.00
Lilac Lady. Lilac 12 in.	.....	1/4 oz., 35c .20 1.00
Americana (Basket Flower). Lilac, 4 ft.	.....	lb., \$6.00 .15 .60
Alba. White. 4 ft. Fine cut flower	.....	lb., 6.00 .15 .60
Imperialis (Giant Sweet Sultan). 32 in.	.....	
Amaranth, a rich plum color.	.....	
Deep Lavender.	.....	
Lilacina, lilac center.	.....	
Splendens, dark purple.	.....	
Pure white.	.....	
Each of the above	.....	.15 .60
Mixed Colors	.....	.15 .50
Suaveolens. Canary-yellow, 2 ft.	.....	.15 .60
Vaughan's Special Mixture. Includes all the annual Centaurea sorts	.....	.15 .60
<b>Candidissima</b> (Dusty Miller). White leaved for bedding. 6 in.	.....	1/4 oz., 75c .35 2.40
<b>Gymnocarpa.</b> Fine cut leaved variety with silvery foliage. 24 in.	.....	lb., \$6.00 .15 .60

See also Perennial Pages.

## Chrysanthemum

Chrysanthemums provide long stemmed cut flowers which are useful to a florist. The annual varieties, especially the Carinatum and Segetum, are probably most generally used. They are easily grown from seed, coming into flower early. Attractive colors both for inside or outside growing. Eastern Star, Gloria (Morning Star) and Helios (Evening Star) are the most called for varieties.

**Carinatum** Vaughan's Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. This wonderful new strain of Carinatum Hybrids contains a very wide range of various tones running through purple, scarlet, orange, salmon, rose, yellow, white, which are all beautifully zoned round the dark discs with small yellow edges. These zones differ both in color and size to a remarkable degree and comprise many different shades of deep purple, maroon, copper and orange. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cutflower this lovely Chrysanthemum will prove of outstanding value.

Carinatum, Burridgeanum. White, crimson zone	.....	.10 .40
Eclipse (Chameleon). Brown and yellow. 20 in.	.....	.10 .40
Northern Star. Giant white flowers with light yellow center and black disc, 20 in.	.....	.10 .40
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in.	.....	.10 .40
The Sultan. Dark copper, yellow ring, 20 in.	.....	.10 .40
Single Mixed	.....	.10 .40

**Cascade or Balcony.** Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed.

Coronarium. Golden Crown. The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft.	.....	1/4 oz., 65c .25 2.20
Frutescens (Paris Daisy). White, 30 in.	.....	1/4 oz., 40c .25

**Goldwings.** 3 ft. Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season.

Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft.	.....	1/8 oz., \$1.20 .50
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**Inodorum Plenissimum. Bridal Robe.** Pure white, extra double, compact, fine foliage, 20 in.

.....	1/4 oz., 50c	.25 1.80
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**Snow Carpet.** Double white flowers which are about two inches in diameter. The foliage is dark green and quite lacy in appearance. 10 to 12 in.

.....	1/4 oz., 50c	.25 1.80
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**Japonicum Double Anemone Flowered. Finest Mixed.**

The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze shades.

.....		.50
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**Segetum Eastern Star.** Light yellow with dark center and yellow ring, 20 in.

.....		.10 .40
Eldorado. Bright yellow, dark brown disc	.....	.10 .40
Gloria (Morning Star). Primrose flowers, 20 in.	.....	.10 .40
Yellowstone. Rich yellow; fine form.	.....	1/4 oz., 65c .25 2.20
Vaughan's Double and Single Mixed, annual sorts.	.....	.15 .60

See also Perennial Pages.

**Cephalophyllum Actum.** Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower.

.....	1000 seeds, \$12.00; 100 seeds, \$1.50.
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**Cleome Pungens** (Giant Spider Plant). Light rose

.....		.15
Lutea (Golden Cleome). Bright golden orange flowers	.....	1/4 oz., 60c .25 2.00

**Giant Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink, without a trace of blue or magenta. The large flower bracts turn to white before falling, giving an appearance of a white collar with a pink cap. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.

.....	1/4 oz., 75c	.35 2.40
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COLEUS Glory

<b>Coleus Glory.</b> A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants.	Trade pkt.	Oz.	
Extra Choice, large-leaved, mixed.	1/16 oz., 75c	.50	....
Frederici. 2 to 3 ft. The color of the flower is pure deep cornflower blue. Sown in April, the plants will flower freely from October onwards.	.50	....	
Large-leaved, Copper color. 20 in.	.50	....	
<b>Vaughan's Rainbow Mixture.</b> The above and others	1/16 oz., \$1.20	.50	....

### Cineraria Hybrida

<b>Vaughan's Columbian Mixture.</b> Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., \$1.75; 1/32 oz., \$3.00; 1/16 oz., \$5.50	1.00	....	
<b>Cremer's Prize Mixture.</b> Re-selected. Somewhat taller and larger flowered than Multiflora Nana.	1/64 oz., \$2.40; 1/16 oz., \$8.00; 1/32 oz., \$4.40	1.50	....
<b>Cremer's Improved Prize Strain.</b> Originator's Packet.	1.50	....	
<b>Howard and Smith's Strain.</b> Mixed. A very fine selection from a California specialist. 1/64 oz., \$2.50	1.00	....	
<b>Mixture of Cremer's and Siter's</b>	1/64 oz., \$2.20	1.00	....
<b>Hybrida Multiflora Nana.</b> Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. Azure Blue. Dark Red. Dark Blue. Rose. Each of the above.	500 seeds	.75	....

#### CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this variety.

1/64 oz. \$2.40, 500 seeds, 60c; 1000 seeds, \$1.00

<b>CINERARIA HYBRIDA—Continued</b>	Trade pkt.	Oz.	
<b>Multiflora Nana.</b> Mixed, all colors, 1/32 oz., \$3.00	\$1.00	....	
<b>Multiflora Nana Maxima.</b> Mixed. Flowers about same size as Potsdam strain and plants about same height.	1.00	....	
<b>Multiflora Grandiflora Maxima.</b> Choicest Mixed. Large flowers, freely produced, 12 to 16 in. The foliage is in rosettes, similar to the Multiflora Nana, only the single leaves are larger.	1.25	....	
<b>Potsdam Strain.</b> Mixed. (Berlin Market or Weissensee. American grown seed. The plants are taller and flowers larger than Cremer's.	1/64 oz., \$1.70; 1/32 oz., \$3.00	1.00	....
<b>Siter's Rainbow Strain.</b> Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's.	1/32 oz., \$5.00; 1/16 oz., \$9.00	2.00	....
<b>Plenissima.</b> Double mixed. Good for cutting.	.50	....	
<b>Star Cineraria (Cineraria Hybrida Polyantha).</b> Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft.	1000 seeds	.60	....
<b>Feltham Beauty.</b> Somewhat dwarfier than above, but with larger flowers and broader petals nearly all have white centers.	1000 seeds	.75	....
<b>Polyantha Stellata, Blue.</b> Rich, dark blue, 2 ft.	1000 seeds	.50	....
<b>Salmon-Pink,</b> a fine new shade.	1000 seeds	.75	....
<b>Cineraria Maritima Candidissima (Dusty Miller)</b>	1/4 oz., 25c	.15	\$0.90
<b>Maritima Diamond.</b> Leaves pure white.	1/4 oz., 25c	.15	.90

### Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

	Trade pkt.	Oz.	
<b>Albatross.</b> Pure white.	\$0.15	\$1.00	
<b>Appleblossom.</b> A good rose-pink	.15	1.00	
<b>Brilliant.</b> Double salmon	.15	1.00	
<b>Carmine Queen.</b> Deep carmine	.15	1.00	
<b>Chieftain.</b> Mauve	.25	....	
<b>Enchantress.</b> Salmon-pink	.15	1.00	
<b>Firebrand.</b> Copper scarlet	.15	1.00	
<b>Illumination.</b> Orange and rose	.15	1.00	
<b>La France.</b> Pale salmon pink	.15	1.00	
<b>Mayblossom.</b> Pure glowing rose	.15	1.00	
<b>Orange King.</b> A good orange	.15	1.00	
<b>Purple Prince.</b> Rich purple	.15	1.00	
<b>Queen Mary.</b> Carmine	.15	1.00	
<b>Rosy Morn.</b> Beautiful rose color, very double	.15	1.00	
<b>Salmonea Perfecta.</b> True salmon, extra double	.15	1.00	
<b>Scarlet Queen</b>	.15	1.00	
<b>White Prince</b>	.15	1.00	
<b>Vaughan's Special Mixture</b>	.15	1.00	
<b>Clanthus Dampieri (Glory Pea of Australia)</b> dark red and black, 24 in.	.35	....	
<b>Cobaea Scandens, Purple</b>	.15	.60	
<b>Fl. Alba White</b>	....	....	
<b>Cockscomb.</b> See Celosia.			
<b>Coix Lachrymae.</b> Corn Beads, Job's Tears. lb., \$2.00	.20	....	
<b>Corn.</b> Ornamental Indian Squaw. Multi-colored kernels.	lb., \$1.00	....	.15
<b>Convolvulus Major (Morning Glory)</b> Mixed, lb. \$1.00	.15	.15	
<b>Crimson Rambler.</b> Bright ruby red.	.15	.50	
<b>Mauritanicus.</b> Fine trailing species.	1/4 oz., 50c	.25	1.80
<b>Dwarf Royal Ensign.</b> Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.	1/4 oz., \$1.00	.25	....
<b>Cuphea Platycentra (Cigar Plant).</b> Russet orange, excellent for pots and borders. 1 ft.	.35	....	
<b>Firefly.</b> This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months.	1/4 oz., \$1.00	.25	....
<b>Avalon Hybrids.</b> Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliaged plants with flowers of lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion, with all intermediate shades.	1/8 oz., \$1.00	.25	....



## SWEET PEAS EARLY FLOWERING SPENCER

Each of the below except where noted otherwise, 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.00.

### WHITE

- Ball White. Large flowered, long stemmed, pure white.
- Burpee's White. Glistening white, sweet scented.
- ★Hope. A mammoth-flowered black-seeded pure white.

### SCARLET

- Grenadier. A glowing poppy-scarlet.
- Red Bird. Bright crimson red.
- Redwood. A deep, bright rich crimson.
- Vulcan. Vivid scarlet.
- Vaughan's Special Mixture, Early Flowering Spencers from named sorts. Oz., 30c; 1/4 lb., \$1.00; lb., \$3.60.

## SWEET PEA SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

### STANDARD VARIETIES

- Blue. Light Lavender. Mauve.
  - Clear Pink. Lavender. Rose-Pink.
- Each of the above, 1/2 oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

### NEW VARIETIES

- Black Seeded White Improved. Outstanding pure white frilled flower. 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.65; lb., \$6.00.
- Light Blue. Rich light blue. 1/2 oz., 60c; oz., \$1.00; 4 ozs., \$3.60.
- Mixed All Colors. 1/2 oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

### Fragrant Early Flowering Spencer Sweet Peas

- |                                       |                         |  |
|---------------------------------------|-------------------------|--|
| Amethyst.<br>Blue Bird.<br>Fragrance. | Giant Rose.<br>Harmony. | Laddie Improved.<br>Mrs. Herbert Hoover. |
|---------------------------------------|-------------------------|--|

## SWEET PEAS—SUMMER FLOWERING

Any of the following, except where noted otherwise: oz., 25c; 1/4 lb., 70c; lb., \$2.20.

- Ambition. Rich, deep lavender.
- Artiste. Deep salmon shaded white on white ground.
- Ascot. Bright pink.
- Avalanche. Glistening white.
- Bonnie Briar. Large rose-pink.
- Bonny Ruffles. Salmon-pink on cream, duplexed.
- Bridal Veil. Pure white, black seeded.
- Charity. Best red.
- Cheerio. Mammoth deep Begonia-rose suffused with gold.
- Chinese Blue. Rich deep blue.
- Constance Hinton. Black-seeded white.
- Crimson King. Rich deep clear crimson.
- Fairyland. A light rich rose-pink suffused on a heavy creamy ground.
- Flag Ship. Deep navy blue flowers of large size, artistically placed on long stems.
- Flamingo. Cerise scarlet.
- Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed.
- Fortune. Rich dark blue.
- Gigantic. Largest and best black-seeded white.
- Gleneagles. Large lavender.
- Grand National. Rich cream, black seeded.
- Hawmark Pink. Deep rose-pink.
- Headlight. Orange-scarlet, sunproof.
- Heavenly Blue.
- Highlander. Pure lavender.
- King White. Gigantic flowers of pure white.
- Lady Ruffles. Soft pink.
- Leviathan. Rich maroon, a lovely clear dark variety.
- Mary Pickford. Dainty cream-pink suffused salmon.
- Mrs. Tom Jones. Bright blue.
- Olympia. Deep rich purple.
- Peggy Ann. An attractive shade of clear, glowing salmon-pink.
- Pinkie. Rose-pink.
- Powers Court. Lavender.
- Ruffled Mixed.
- Ruffled Crimson.
- Ruffled Blue
- Ruffled Heyday. Deep rose-pink suffused amber.
- Sextet Queen. White.
- Springtime. Light rose-pink.
- Tangerine Improved. Glowing orange.
- Warrior. A fine maroon.
- Youth. White, pink picotee.
- Vaughan's Florists' Mixture of Summer Spencer Varieties. Oz., 20c; 1/4 lb., 60c; lb., \$2.00.

## Schizanthus

A January sowing will make choice 3 in. plants for spring combinations.

- Vaughan's Dwarf Masterpiece. This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches. Trade pkt. Oz. 1/8 oz., \$1.65 \$0.50
- Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item. 1/8 oz., \$1.10 .50
- Chelsea Bedding Mixture. See Novelty Pages. .75
- Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring. 1/4 oz., \$1.10 .35
- Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive. 1/8 oz., 1.00 .35
- Retusus. Mixed. 1/4 oz., 45c .20
- Wisetonensis. Dwarf mixed. 1/4 oz., 40c .25 \$1.10
- Sedum Coeruleum (Stone Crop). Blue. 3 in. .35
- Sensitive Plant (Mimosa Pudica). .15 1.00
- Shamrock. .20 1.40
- Smilax. .15 .65
- Snapdragon. See Antirrhinum.

## Solanum

### ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

- Bird's Eye Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red. Trade pkt. Oz. 1/4 oz., 65c \$0.35 \$2.00
- Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow. 1/4 oz., \$1.10 .35
- Christmas Cherry Improved. 1/4 oz., 70c .25 2.20
- Cleveland Red (Cherry). 1/4 oz., 40c .25 1.20
- Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. Outstanding. 1/4 oz., 55c .25 1.80
- Red Cluster (Bunch Pepper). A compact, much branching plant bearing at the end of its branches bunches of erect, pointed, curved pods of a coral red color. 1/4 oz., \$1.20 .35
- Miniature Bell. The red, green and white bell shaped fruits are attractive against the dainty foliage. Pinch the plants to make them bushy, for large plants put 3 or 4 in a 5 or 6-in. pot. Put stake in center and tie plant to shape. 1/4 oz., 80c .25
- New Patterson Variety. Large orange-red flowers, cherry-like fruit, compact habit. 1/4 oz., 65c .25
- Variegated Leaved. 1/4 oz., 65c .25
- Mixed varieties. 1/4 oz., 75c .25



# Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

	Trade	pkt.	Oz.
Sinuata. True Blue. Fine cut flower.....lb., \$2.50	\$0.10		\$0.25
<u>Kampf Improved variety.</u> Tall, brilliant deep blue, long stemmed.....lb., \$2.60	.10		.25
Lavender Queen.....lb., 2.60	.10		.25
Market Growers. Deep blue.....lb., 2.80	.10		.25
Pale Violet with yellow center.....lb., 2.60	.10		.25
White, Pure.....lb., 2.60	.10		.25
Rosea Superba.....lb., 2.60	.10		.25
<u>Pastel shades mixed</u> .....lb., 2.60	.10		.25
New colors mixed.....lb., 2.80	.15		.30
Bonduelli. Golden yellow.....lb., 4.00	.15		.40
<u>Puberula.</u> Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens..... $\frac{1}{4}$ oz., 80c	.25		2.80
<u>Suworowii.</u> Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch. $\frac{1}{4}$ oz., 25c	.15		.80
<u>Stevia Serrata.</u> White, fine cut flower.....	.25		....
Lindleyana. White. Is very useful for florist work. It needs to be sown in March indoors; prick out in frame and transplant into the open after spring frosts are over.....	.35		....

# Streptocarpus New English Hybrids (Cape Primrose)

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue. The flowers attain a diameter of 2 inches and over, similar in shape to Gloxinias. They are borne on wiry stems and last long when cut. Trade pkt., \$1.00.

**STRAWBERRY BARON SOLEMACHER RED**  
A Good Mothers' Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

Trade pkt., 50c;  
Baron Solemacher, Yellow. Trade pkt., 50c;  $\frac{1}{16}$  oz., \$1.00.

# Tahoka Daisy

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks..... $\frac{1}{4}$  oz., 65c \$0.25 \$2.20

<u>Texas Queen Anne's Lace.</u> An improved Wild Carrot. Will dye easily..... $\frac{1}{4}$ oz., 25c	.15		.90
<u>Thunbergia.</u> Mixed. Fine climber for window boxes and hanging baskets.....	.15		.90
<u>Gibsoni.</u> A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$2.20; 1000 seeds, \$17.50	...		....
<u>Tithonia Avalon Earliest.</u> The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished overseen of scarlet fire..... $\frac{1}{4}$ oz., 50c	.25		1.60
<u>Torenia Fournieri.</u> Makes a fine pot plant for Mothers' day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in.....	.50		....

<u>Trachelium Coeruleum.</u> Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in..... $\frac{1}{8}$ oz., \$1.00	\$0.35		....
<u>Ursinia Anethoides.</u> Rich orange-yellow and purple zone..... $\frac{1}{4}$ oz., 50c	.25		\$1.80

# Venidium

<u>Fastuosum.</u> 2 to 3 ft. Above the grayish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across. Treat as a half-hardy annual, sowing in March or April, as germination is difficult earlier. Plant in sunny position..... $\frac{1}{4}$ oz., 80c	.35		....
<u>Fastuosum Hybrids.</u> 2-3 ft. A new race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals. Germinate and grow more vigorously than original. $\frac{1}{4}$ oz., 80c	.35		....

# Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Make good cutflowers.

	Trade	pkt.	Oz.
Rosea. Pink, 1 ft..... $\frac{1}{4}$ oz., 50c	\$0.25		\$1.60
Fl. Alba Oculata. White with pink eye. $\frac{1}{4}$ oz., 50c	.25		1.60
Alba Pura. Pure white..... $\frac{1}{4}$ oz., 50c	.25		1.60
Delicata. Soft pink..... $\frac{1}{4}$ oz., 50c	.25		1.60
Kermesina. Bright red, dark green leaves with red stems..... $\frac{1}{4}$ oz., 50c	.25		1.80
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye..... $\frac{1}{4}$ oz., 50c	.25		1.60
Mixed (includes the new red)..... $\frac{1}{4}$ oz., 45c	.25		1.50

<u>Verbesina Encelioides.</u> 3 ft. Large single butter-yellow daisies with irregular petals. Blooms continuously throughout the season and is an excellent cutflower..... $\frac{1}{4}$ oz., 65c	.25		2.20
<u>Virginia Stocks.</u> Mixed. A splendid edging plant.....lb., \$3.20	.10		.30
Nana Compacta. Mixed Dwarf bushes covered with bright flowers during the entire season. 8 in.....	.20		.60
<u>Viscaria Oculata.</u> Mixed.....	.15		.65
Blue Pearl. Pure deep lavender-blue without eye, erect growing..... $\frac{1}{4}$ oz., 50c	.25		1.60
Nana compacta oculata. Mixed..... $\frac{1}{4}$ oz., 55c	.25		1.60
Coerulea Blue Bouquet..... $\frac{1}{4}$ oz., 55c	.25		2.00
Fiery Red. Flowers of brilliant red, plant is very dwarf and compact..... $\frac{1}{4}$ oz., 70c	.35		2.40

Xanthisma Texanum. Star of Texas. One of the prettiest annuals, easily grown and deserves to be very popular. Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Quite hardy, does well in dry, open places. Plants are vigorous and very free blooming. They attain a bushy erect growth, quite branching, 18 in. high and as much across. Sow in the open in early spring..... $\frac{1}{8}$  oz., 50c .25 ....

<u>Xeranthemum (Everlasting).</u> Superbissimum (Pompon) mixed.....	.15		.60
<u>Zaluzianskya Villosa (Lace Verbena).</u> Individual flowers grow about $\frac{1}{2}$ inch across and are so shaped as to resemble a snow crystal; most interesting and unusual. They are of a pleasing lavender color distinctly set off by a star-like spot of orange at the center. Low spreading plants 8 inches high. Long blooming season.....	.35		....
<u>Zea Quadricolor Perfecta.</u> Dwarf leaves striped with red, rose and yellow bands.....lb., \$2.00	....		.15



## Verbena

	Trade	pkt.	Oz.
<b>Gigantea Beauty of Oxford Hybrids.</b> A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. . . . . 1/4 oz., 75c	\$0.35		\$2.65
Alba. Very large, pure white. . . . . 1/4 oz., 75c	.35		2.65
Annapolis Blue. It is several tones lighter than navy or dark blue. Large trusses of 3 in. flowers, habit spreading, flowers in shades of light to mid-blue may be found in one flower which blends beautifully to make a deep Belladonna blue . . . . . 1/4 oz., \$1.20	.50		....
Appleblossom. Almost white shading to cameo-pink on the edge. . . . .	.35		....
Brilliant. Rich deep flame rose with medium sized white eye. . . . . 1/4 oz., 75c	.35		2.65
Cerise Queen. . . . . 1/4 oz., 75c	.35		2.65
<b>Crimson Glow.</b> A pure glowing crimson without an eye. The flower-heads are produced freely on compact plants, with small leaves. . . . . 1/4 oz., 75c	.35		2.65
<b>Etna.</b> Geranium-red with a small creamy yellow eye. . . . . 1/4 oz., 75c	.35		2.65
<b>Floradale Beauty.</b> Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating. . . . . 1/4 oz., 75c	.35		2.65
<b>Lavender Glory.</b> True lavender. Large flower umbels. Fragrant. About 80% true. . . . . 1/4 oz., 75c	.35		2.65
Lucifer. Red. . . . . 1/4 oz., 75c	.35		2.65
Luminosa. Flame-pink toning to softer shades of salmon, flesh and coral. . . . . 1/4 oz., 75c	.35		2.65
Rosea Stellata. Pink, white eye. . . . . 1/4 oz., 75c	.35		2.65
Rose Cardinal. Bright red. . . . . 1/4 oz., 75c	.35		2.65
Royale. Royal blue with creamy eye. . . . . 1/4 oz., 75c	.35		2.65
<b>Spectrum Red.</b> Intense pure bright red. . . . . 1/4 oz., 75c	.35		2.65
Spitfire. The plants are very vigorous, carrying many large flowers on upright stems. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret. . . . . 1/4 oz., 75c	.35		2.65
Sutton's Giant Pink. . . . . 1/4 oz., 75c	.35		2.65
Violacea Stellata. Violet, white eye. . . . . 1/4 oz., 75c	.35		2.65
Gigantea. Mixed. . . . . 1/4 oz., 55c	.25		2.00
<b>Royal Bouquet Mixed.</b> This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in. . . . . 1/4 oz., 75c	.35		2.65
Hybrida. Dark Blue. . . . . 1/4 oz., 45c	.25		1.55
Defiance. Brilliant scarlet. . . . . 1/4 oz., 45c	.25		1.55
Mayflower. Pink. . . . . 1/4 oz., 45c	.25		1.55
Lutea Improved. Yellow. . . . . 1/4 oz., 45c	.25		1.55
<b>Miss Ellen Willmott.</b> Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades. . . . . 1/4 oz., 65c	.25		2.20
<b>Purple Mantle.</b> . . . . . 1/4 oz., 45c	.25		1.55
<b>Roseglow.</b> Color is so luminous that each plant has the appearance of a small flat mountain of fire. Each floret is a deep rose shading to orange scarlet without an eye. Very free flowering. . . . . 1/4 oz., 45c	.25		1.55

**Vaughan's Best Mixed.** This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.

## Verbenas Dwarf Erect Growing

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

	Trade	pkt.	Oz.
<b>Carmine Ball.</b> A beautiful erecta compacta Verbena similar in form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers. . . . . 1/4 oz., 80c	\$0.35		\$2.80
<b>Blue Sentinel.</b> Rich navy blue self color. . . . . 1/4 oz., 80c	.35		2.80
Chamois. . . . . 1/4 oz., 80c	.35		2.80
Dark Blue. . . . . 1/4 oz., 80c	.35		2.80
Fireball. Scarlet. Excellent for borders and pot plants. 6 in. . . . . 1/4 oz., 80c	.35		2.80
Red Sentinel. 6 to 8 in. Fine compact variety of upright habit. Intense bright red without an eye. Duplicate in color of the Spectrum Red in the gigantea class. . . . . 1/4 oz., 80c	.35		2.80

## VERBENAS Dwarf Erect Growing—Continued

	Trade	pkt.	Oz.
<b>Splendor.</b> Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color. . . . . 1/4 oz., 55c	\$0.25		\$2.00
White. . . . . 1/4 oz., 80c	.35		2.80
<b>Violet Bouquet.</b> Flower opens deep violet tinged garnet changing to deep violet, cream color eye. . . . . 1/4 oz., 80c	.35		2.80

**Vaughan's Special Mixture Dwarf Verbenas.** This is made from separate colors and a most complete mixture. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.

### Various Sorts

	Trade	pkt.	Oz.
<b>Bipinnatifida</b> (Fern-leaved Verbena). Entirely new form. The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery gray-green foliage covered with clusters of lavender-blue flowers. In bloom continuously in our Trial Grounds and much admired by visitors during the season. The flowers resemble sprays of lilac candytuft. . . . . 1/4 oz., \$1.00	\$0.35		....
<b>Venosa.</b> Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks. 1 ft. . . . . 1/4 oz., 45c	.25		\$1.60
<b>Lilacina.</b> Delicate lavender-blue. . . . . 1/4 oz., 55c	.25		2.00
<b>Erinoides</b> (Moss Verbena). Purple. 1 ft. . . . . 1/4 oz., 55c	.25		1.80
White. . . . . 1/4 oz., 55c	.25		1.80
<b>Lemon</b> (Citriodora). . . . .	.35		....

# Zinnias

Zinnias are heat loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness. Zinnia seed may be sown inside in February and March for cutting inside. Seed sown in April will bloom May 20 to June 10. Inside sown in May for inside cutting will bloom June 10 to 20.

**All-Giant Indian Summer.** Crimson, flame-scarlet, cherry, golden yellow, white, and burnished copper. No magenta, lavender, or pale pink. A harmonious blend of dazzling brilliance without a trace of harshness. . . . . lb., \$13.50; 1/2 oz., 65c \$0.25 \$1.10

## DAHLIA-FLOWERED 2 1/2 to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Canary Bird, primrose	Meteor, darkest red		
Crimson Monarch, best red	Old Gold, burnished shades of deep and old gold		
Dream, deep lavender			
Eldorado, rose on deep salmon	Oriole, orange and gold		
Exquisite, light rose, center rose	Pastel shades		
Golden Dawn, golden yellow	Polar Bear, white		
Golden State, rich orange	Royal Purple		
Illumination, deep rose	Scarlet Flame, bright scarlet		
Lemon Beauty			
Luminosa, bright deep pink suffused with salmon			
Each of above. . . . . 1/4 oz., 40c; 1/2 oz., 65c; lb., \$13.50		\$0.25	\$1.10

**Dahlia-Flowered, Gold Medal Hybrids.** A superior mixture containing many new varieties. . . . . 1/2 oz., 65c; lb., \$13.50 .25 1.10

**Crown o' Gold** (Desert Gold). Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow. . . . . lb., \$13.50; 1/4 oz., 40c; 1/2 oz., 65c .25 1.10

**Super Crown of Gold Pastel Tints.** Strictly a mixture of pastel tints and contains a wide color range including soft yellow, old gold, light pink, apricot pink, various salmon shades, peach, buff, lively cerise salmon, as well as pure white and cream. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top. . . . . lb., \$13.50; 1/4 oz., 40c; 1/2 oz., 65c .25 1.10





ZINNIA SCABIOUS FLOWERED—Vaughan's Special Mixture

# ZINNIA—Continued

## CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated

Brightness. Bright, deep rose	Orange King. Orange scarlet		
Cherry Queen	Pink Profusion. Shrimp pink		
Daffodil. Canary-yellow	Purity. A clean pure white		
Enchantress. Pink	Rose Queen. Deep rose		
Isabellina. Creamy buttercup	Salmon Queen		
Grenadier. A very dark red	Scarlet Queen		
Lavender Gem.	Violet Queen. Dark violet		
Miss Willmott. Soft pink		Trade pkt., Oz.	
Each of the above.....			
.....lb., \$12.00; 1/4 oz., 40c; 1/2 oz., 65c		\$0.25	\$1.10

California Giants, Vaughan's Special Mixed. All colors.....lb., \$12.00; 1/2 oz., 65c .25 1.10

## FANTASY 2 1/2 to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange.....	1/4 oz., 60c	\$0.25	\$2.00
Rosalie. Bright intense scarlet.....	1/4 oz., 60c	.25	2.00
Star Dust. Deep golden yellow.....	1/4 oz., 60c	.25	2.00
White Light. Pure white, excellent in flower arrangements.....	1/4 oz., 60c	.25	2.00
Wild Fire. Rich dazzling scarlet.....	1/4 oz., 60c	.35	2.00
Fantasy mixed.....	1/4 oz., 50c	.25	1.80

Vaughan's Special Mixture of all Giant sorts including the cream of the Dahlia Flowered, California and Picotee mixed..... 1/4 oz., 45c .25 1.60

## LILLIPUT OR POMPON 1 1/2 to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Canary Yellow	Purple		
Crimson	Rose Bud		
Deep Flesh (bright pink)	Salmon-Rose, a lovely color		
Golden Gem (golden orange)	Scarlet Gem		
Orange	Valencia (burnt orange)		
Pastel Mixture	White Gem	Trade pkt. Oz.	
Each of above.....	1/4 oz., 30c; lb., \$9.00	\$0.15	\$1.00
Black Ruby, deep blackish maroon.....			
.....	1/4 oz., 50c	.25	1.60
Vaughan's Special Lilliput Mixture.....			
.....	1/4 oz., 30c; lb., 9.00	.15	1.00

## SCABIOUS FLOWERED Harmony Type

Plants 2 1/2 to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Vaughan's Special Mixed, bright shades, including Trade pkt. Oz. crimson, scarlet, orange, yellow, pink and white  
..... 1/4 oz., 50c \$0.25 \$1.80

## CUPID ZINNIAS 1 ft.

### The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter. Useful for corsage making.

Tiny Tim. Rich scarlet	Snowdrop. Pure clear white		
Pixie. Bright yellow	Mixed	Trade pkt. Oz.	
Each of the above.....	1/4 oz., 50c	\$0.25	\$1.60

## PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball	Pinkie. Rose-pink..lb., \$7.00.
Coccinea Plena. Fireball.	Salmon-Rose. Remarkable shade, good for cut flowers.
Golden Orange	.....lb., \$7.00

Spun Gold. Delicately tinted butter-yellow	Trade pkt. Oz.
Each of the above.....	\$0.15 \$0.70

Vaughan's Special. Mixed. The above shades ..	
lb., \$7.00.....	.15 .70

**Pumila Picotee Delight Mixed.** A result of careful cross-hybridizing of the popular Pumila Salmon-Rose with Giant Picotee. The petals of the flowers are ruffled and curled, a large percentage having fringed petals with gold tips or picotee. This mixture contains an assortment of most pleasing colors..... 1/4 oz., 45c .25 1.50

## OTHER VARIETIES

**Burpee's Super Giant.** Largest of all Zinnias. 3 ft. Flowers are 5 1/2 to 6 1/2 inches across and of a wide diversity of colors and forms; some like Dahlia-flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades of cream, buff, apricot, salmon, rose and orange predominate with yellow, white, scarlet and crimson, and many two- and three-tone effects..... 1/4 oz., 60c .35 2.00

**David Burpee.** Strikingly different, of a form never before seen in Zinnias, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate, such as soft cream, chamois, buff, terracotta, apricot, burnt orange, soft rose and peach. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors.  
..... 1/4 oz., 45c .25 1.40

**Linearis.** The plants grew about one foot high and about 18 inches in diameter. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia, to which it has little resemblance. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. They literally cover the plant when in bloom. 1/4 oz., 60c .25 2.00

**Mexicana (Haageana) Hybrida.** Mexican Hybrids. Double mixed..... 1/4 oz., 60c .25 2.00

**Navajo Mixed.** Flowers resemble a Picta Double Gaillardia, in both form and colorings... 1/4 oz., 40c .25 1.40

**Red Riding Hood.** Scarlet. Button type. 1/4 oz., 35c .20 1.00

**Vaughan's Mixture of Midget Zinnias.** Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream. In form, many would hardly be recognized as Zinnias. They are wonderful material for decorations..... 1/4 oz., 60c .25 2.00





ACONITUM



ANCHUSA Myosotidiflora.  
Tr. pkt., 50c; 1/8 oz., \$1.00.

One of the most attractive of spring blooming perennials. A real gem for the border.



ANTHEMIS Sancta Johannis.  
Tr. pkt., 25c; 1/4 oz., 70c; oz., \$2.40.

Rock Plants are followed by X and the heights given are of the plants when in bloom.

## Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

### SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Aconitum, Anemone, Clematis, Delphinium Cardinale, Delphinium, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Helleborus Niger, Incarvillea, Iris, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

<b>Achillea</b> Filipendula, Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 3 ft. ....	Trade	pkt.	Oz.	
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ....	1/4	oz.,	90c	.35
Tomentosa Aurea. X Flowers are umbells of Buttercup yellow above close set mats of silver gray foliage, 6 in. ....				.50
<b>Aconitum</b> (Monk's Hood). Wilsoni. Mid-blue, large and late flowering. ....	1/4	oz.,	70c	.25
Barker's Variety. Branching habit, flowers pretty amethyst blue. ....	1/4	oz.,	80c	.25
<b>Aethionema</b> Coridifolium (Lebanon Candytuft). Light rosy purple, 8 in. ....	1/8	oz.,	\$1.40	.50
<b>Agathea</b> Coelestis (Blue Daisy). Pot grown plants in greenhouse, flower more freely. Plant seed in July, place in carnation house in fall. .40 in. ....	1/4	oz.,	45c	.25
<b>Agrostemma</b> Flos Jovis. Carmine-rose, 16 in. ....				.15
Hybrida Walkeri. Brilliant rosy purple, 16 in. ....				.15
<b>Allium</b> Thibetica. Flowers on short stems in clusters are a lilac-mauve. Blooms during June and July, 9 in. Ruby. An Allium of attractive color, particularly useful where there is a foliage background. The flowers are in umbels about one inch in diameter and maroon red in color. Stems about 18 to 24 in. Blooms in July. Leaves rather small and few in number and extend up the stem about a third of its length. ....				.50
<b>Allwoodii</b> , see Dianthus.				
<b>Alstroemeria</b> Aurantiaca. Orange streaked red, 3 to 4 ft. ....	1/4	oz.,	\$1.00	.35
<b>Alyssum</b> Argenteum X Yellow-flowered, silvery foliage, 24 in. ....	1/4	oz.,	50c	.25
Rostratum. Yellow. 16 in. ....	1/4	oz.,	70c	.25
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring. ....	1/4	oz.,	30c	.15
Sulphureum (Citrinum). Sulphur-yellow, 15 in. ....	1/4	oz.,	65c	.25

<b>ALYSSUM</b> —Continued.	Trade	pkt.	Oz.	
Serpyllifolium. 2 to 3 in. plant woody at base, covered with gray leaves, producing an abundance of small yellow flowers in April and May. ....	1/4	oz.,	\$1.45	\$0.35
Rock Garden Perennial Species, Mixed. ....	1/4	oz.,	1.00	.35
<b>Ampelopsis</b> Veitchi, Boston Ivy. Clean seed. lb., 5.00				.15
<b>Amsonia</b> Tabernaemontana. Free flowering long stems, with willow-like foliage and lovely heads of light blue flowers in panicles. Especially good for cutting and hardy border. 2 to 3 ft. ....				.50
<b>Anchusa</b> Affinis. Beauty lies in its gracious curves; uncurling racemes set with white-centered stars of imperial violet. Height, 40 in. Sown early it will flower first year. ....	1/4	oz.,	70c	.35
Affinis Avalon Hybrids. Crosier sprays of delicate colors, starred in contrasting shades. ....				.35
Barrelieri, Earliest, dwarf, dark blue, 2 1/2 ft. ....	1/4	oz.,	70c	.25
Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft. ....	lb.,		\$4.50	.15
<b>Dwarf Dropmore Variety</b> (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft. ....	1/4	oz.,	55c	.25
Lissadell. Clear gentian-blue. 6 ft. ....				.15
Morning Glory. Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open. ....	1/4	oz.,	45c	.25
<b>Myosotidiflora</b> . X A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing. ....	1/8	oz.,	\$1.00; 1/4 oz., \$1.80	.50
<b>Riparia</b> . Sturdy upright plants, branching habit; flowers intense blue, dark and rich color. Blooms the first year from seed. ....				.35

Unless otherwise quoted we supply 1/2 oz. at the ounce price and 4 ozs. (of a variety) at the pound price,





AQUILEGIA Longissima. Hybrids. Tr. pkt., 50c.

AQUILEGIA Mrs. Scott Elliott's Hybrids.

ARMERIA Ruby. Tr. pkt., 50c; 1/8 oz., \$1.00.

### Seeds of Biennials and Hardy Perennials

Anemone (Windflower), Coronaria. Blue. 18 in.	Trade	pkt.	Oz.
His Excellency. X Single, scarlet, 1 ft.	1/4 oz., 50c	\$0.25	\$1.60
Sylphide Blue. Light purple.	1/4 oz.,	.50	\$1.40
<u>St. Brigid's Hybrids (Irish Champions).</u> Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in.			
	1/4 oz.,	80c	.50 2.80
<u>Pulsatilla.</u> X The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in.			
	1/4 oz.,	65c	.25 2.20
Rubra. X Handsome red-purple flowers.	1/4 oz.,	.30	3.00
<u>Sylvestris.</u> X The "Snowdrop Anemone." A rather tall growing anemone with pure white nodding flowers in April to June, 12 in.			
	1/4 oz.,	\$1.40	.50 5.00
<u>Anthemis Kelwayii (Hardy Marguerite).</u> Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.			
		.15	.60
Kelwayii Alba. Hardy white Marguerite, 3 ft.		.15	.80
Tinctoria. Very useful yellow border plant, 2 to 3 ft.		.15	.60
Perry's Variety. Light yellow, varies 2 ft.	1/4 oz.,	45c	.25 1.40
<u>Sancta Johannis.</u> Brilliant yellow flowers about 1 1/2 in. in diameter, borne singly at the termination of straight stiff leafless stems, 9 to 12 in. in length. Definite value for cutting.			
	1/4 oz.,	.70c	.25 2.40

#### AQUILEGIA X (Columbine)

Alpina. Blue. A beautiful short spurred form, 24 in.	1/4 oz.,	60c	.25 2.00
California Hybrid. A light yellow, red spur. 3 ft.	1/4 oz.,	60c	.25 2.00
Canadensis. Native variety, bright red and yellow, 30 in.	1/4 oz.,	60c	.25 2.00
Chrysantha. Light chrome-yellow, fine, 36 in.	1/4 oz.,	60c	.25 2.00
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.	1/4 oz.,	90c	.35 3.20
Clematiflora. Mixed, Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.			.50 ....
Coerulea Blue. X Sky-blue with white corolla. Rocky Mt. Columbine.	1/4 oz.,	60c	.25 2.00
Coerulea. Mrs. Nicholls. Deep blue and bolder flower than coerulea blue.	1/8 oz.,	\$1.20	.50 8.00
Rose Queen. Shades of rose with white corolla, 30 in.	1/4 oz.,	\$1.20	.35 4.00
<u>Dobbie's Imperial Hybrids.</u> A very fine selection made by a European hybridizer.			
	1/4 oz.,	85c	.35 3.00
Flabellata Nana Alba. Pure white early flowering 12 in.	1/8 oz.,	\$1.50	.50 ....
Longissima. Long spurred delicate yellow.	1/16 oz.,	\$1.60	.50 ....
Longissima Hybrids. Very long spurred variety in many attractive shades.	1/8 oz.,	\$1.00	.50 ....

#### AQUILEGIA (Columbine)—Continued

	Trade	pkt.	Oz.
Long-Spurred Blue Shades.	1/4 oz.,	85c	\$0.35 \$3.00
Copper Queen. Copper-red, straw-colored corolla, 18 in.	1/4 oz.,	85c	.35 3.00
<u>Crimson Star.</u> Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems.			
	1/8 oz.,	\$1.35	.50 ....
Orange and Scarlet Shades.	1/4 oz.,	85c	.35 3.00
<u>Mrs. Scott Elliott's Strain.</u> The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc.			
	1/4 oz.,	95c	.35 3.40
<u>Special Mixture of Long Spurred Varieties.</u> A mixture of superior American and English strains.			
	1/4 oz.,	1.00	.35 3.60
<u>Rainbow Mixture of Colorado varieties.</u> Many charming colors of our native Columbine.			
	1/4 oz.,	90c	.35 3.20
Skinneri. Scarlet spurs with yellowish green corolla.	1/4 oz.,	\$1.00	.35 ....
<u>Suaevolens.</u> Flowers a delightful blending of cream and lilac, fragrant, with lacy foliage. 25 in.			
			.50 ....
<u>Vulgaris Compacta Edelweiss.</u> The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring.			
	1/4 oz.,	\$1.00	.35 ....
Vaughan's Special Mixture. All types.	1/4 oz.,	90c	.35 3.40
<u>Arabis X Alpina.</u> White flowers in dense masses. 1 ft.			
	1/4 oz.,	40c	.25 1.20
Alpina Nana Compacta. White, 8 in.	1/4 oz.,	90c	.35 3.00
Rosea, Pink. 1 ft.	1/4 oz.,	\$1.80	.35 ....
<u>Snow Cap.</u> Extremely dwarf and compact habit, shining snow-white cushions of flowers.			
	1/4 oz.,	75c	.25 2.40
Spring Charm. Rosy pink.			.50 ....
<u>Arenaria Montana.</u> X Makes broad masses of slender foliage 3 to 4 in. deep, which are smothered with large white flowers in late spring, needs sun and well drained soil, 12 in.			
			.50 ....
<u>Armeria X Alpina.</u> Deep rose, 3 in.			
	1/8 oz.,	\$1.50	.50 ....
Formosa. Red. 2 ft.	1/4 oz.,	65c	.25 ....
Formosa. Large Flowering Hybrids. 2 ft.	1/4 oz.,	60c	.25 2.00
<u>Glory of Holland. Giant Pink.</u> The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting.			
	1/8 oz.,	\$1.20	.50 8.00
Lauchiana. Rosy crimson. Evergreen foliage. 9 in.	1/4 oz.,	\$1.45	.35 4.80
<u>Mauritanica (Cephaloteos) Giant Thrift,</u> rose and white, 2 ft.			
	1/4 oz.,	60c	.25 2.00
Ruby. Deep rose-colored flowers, 24 in.	1/8 oz.,	\$1.00	.50 ....

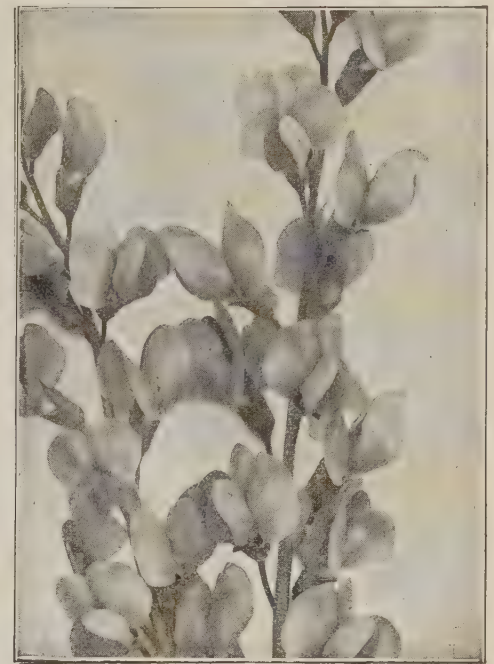




CAMPANULA Medium Single



BOCCONIA (Plume Poppy)



BAPTISIA Australis

**Seeds of Biennials and Hardy Perennials**

<b>Asclepias Tuberosa</b> (Butterfly Weed). Produces umbels of varying orange colored flowers, lovely to cut and last a long time. 24 in. ....	1/4 oz., 60c	\$0.25	\$2.20
<b>Asphodelus Luteus</b> Yellow, fragrant, 3 ft. ....	1/8 oz., 75c	.25	....
<b>Aster Perennial.</b> Large-Flowering Varieties, mixed. ....	1/4 oz., \$1.40	.50	5.00
Alpinus. Light blue. 1 ft. ....	1/4 oz., \$1.20	.35	4.00
Albus. Pure white. 1 ft. ....		.35	....
Goliath. X Soft blue, largest flowered, fine, 15 in. ....	1/4 oz., \$2.00	.75	....
Amellus Hybridus. Named varieties, finest mixed 30 in. ....	1/4 oz., \$1.00	.35	....
Brachytrichus. Delightful little Aster. Flowers many rayed purple with bright yellow centers and are carried in close multitudes over the tightly tufted spreads of low foliage. Solid wide hedges of bloom all under 10 inches. ....		.50	....
Ptarmicoides. White flowers in wide flat close-set clusters. 15 in. ....		.35	....
Spectabilis. Lovely deep blue blossoms of quite surprising size. Very showy. ....		.50	....
Hybridus Luteus. Giant sprays of primrose yellow. ....		.50	....
Farreri. Violet mauve with orange disc. ....		.50	....
Sub-Coeruleus. Large light blue. ....		.35	....
Star of Eisenach. Bright lavender blue with yellow center, long stemmed. ....	1/8 oz., \$1.60	.50	....
<b>Aubrietia.</b> Semi-double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades. ....		.75	....
<b>New Giant Flowered.</b> All full petalled types equal to the best named varieties. Vastly superior in size and color range to any other strain raised from seed. Highly recommended. ....	1/8 oz., \$1.50	.50	....
<b>Large-Flowered Hybrids.</b> X Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ....	1/4 oz., 60c	.25	2.00
Bougainvillei. X Dark blue, 6 in. ....	1/4 oz., \$1.00	.35	....
Deltoidea. X Lilac, 6 in. ....	1/4 oz., 75c	.25	....
Eyrii. X Free flowering large blue. ....	1/4 oz., 80c	.25	....
Graeca. Large blue free flowering, 6 in. ....	1/4 oz., 80c	.25	....
Leichtlini. X Large-flowered, rosy purple. ....		.50	....
Purpurea. True deep purple. ....	1/8 oz., \$1.20	.50	....
Rosea Grandiflora. X Pink, 6 in. ....	1/8 oz., 45c	.25	....
Whitewell Gem. X Glowing rosy purple with slight tinge of blue, 6 in. ....		.35	....
<b>Auricula.</b> See Primula.			
<b>Baby's Breath.</b> See Gypsophila Paniculata.			
<b>Baptisia Australis</b> (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft. ....		.10	.65

<b>Bellis Perennis</b> X or English Daisy, 6 in. ....	Tr. pkt.	Oz.	
Longfellow. Double dark rose. ....	1/8 oz., 80c	\$0.25	
Snowball. Double white. ....	1/8 oz., 80c	.25	
Monstrosa, Double Pink. ....		.50	
Double Crimson. ....	1/16 oz., \$1.00	.50	
Double White. ....	1/16 oz., \$1.00	.50	
Double mixed. ....	1/8 oz., \$1.50	.50	
Tubulosa Aetna. Rich deep red. ....	1/8 oz., \$1.50	.50	
Glory of Frankfurt. Brilliant dark red. ....		1.00	
<b>Betonica Grandiflora.</b> Reddish lilac. Good border plant. 1 1/2 ft. ....		.25	
<b>Blackberry Lily</b> (Belamcanda Chinensis). A perennial of easy culture in rich sandy loam in a sunny spot. Flowers orange spotted red. Seed stalks may be used in winter bouquets—are clusters of shining black seeds. ....		.15	\$0.60
<b>Bocconia Japonica</b> (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely cut leaves are topped by huge flower spikes, carrying creamy white blossoms. ....		.15	.80
<b>Boltonia Latisquama.</b> Delicate pink, 4-5 ft. ....	1/4 oz., 65c	.25	2.20
<b>Bupthalmum Salicifolium.</b> Yellow, 18 in. ....		.25	....
<b>Callirhoe Involucrata.</b> X Large crimson flowers, trailing habit, very showy, 6 in. ....	1/4 oz., 85c	.35	3.00
<b>Calamintha Alpina.</b> Blue dwarf, 6 in. ....		.50	....

**CAMPANULA PERENNIAL SORTS**

<b>Alliariaefolia.</b> From a dense tuft of leaves at the ground the stems rise to 2 to 3 ft. high, bear many creamy white flowers. ....		.35	....
<b>Carpatica</b> X (Hare Bell). Forms a quickly widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in. ....	1/4 oz., 60c	.25	2.00
Alba. X White, 9 in. ....	1/4 oz., 70c	.25	....
Mixed. X. ....	1/4 oz., 65c	.25	....
<b>Cullinmore.</b> A lovely hybrid form of Carpatica and other dwarf-growing species. Much more prolific than Carpatica. Its flowers of various shades of blue are produced all summer. Very nice edging or rock garden plant. ....		.50	....
<b>Garganica.</b> X A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in. ....		.50	....
<b>Lactiflora Coerulea.</b> Light blue, 3 ft. ....	1/4 oz., 50c	.25	1.80
<b>Latifolia Macrantha.</b> Blue, large-flid., 40 in. ....	1/4 oz., \$1.20	.35	....
<b>Persicifolia</b> (Peach Bell) Alba. White, fine, 30 in. ....	1/4 oz., 80c	.25	....
Coerulea. Blue, 30 in. ....	1/4 oz., 80c	.25	....
Coerulea Plena. Double blue, 30 in. ....		.35	....

The double varieties of Campanula Persicifolia come about 50% true from seed.

Rock Plants are followed by X and the heights given are of the plants when in bloom.



## Seeds of Biennials and Hardy Perennials

CAMPANULA PERSICIFOLIA—Continued		Trade pkt.	Oz.
Telham Beauty. Very large bells of China blue, varies, 30 in. ....	1/8 oz., \$1.00	\$0 35	....
Wedgwood. Large flowers of deep violet blue. Will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes. ....		.50	....
Single mixed. ....	1/4 oz., 80c	.25	\$2.20
Punctata. 28 in. Plants form rambling foliage mats with flower stalks of varying height from which hang big, pendant bells which are waxen without, downy within. Creamy pink to purple. ....		.50	....
Pusilla. X Thimble shaped flowers of rich blue, carried on stems 4 in. high, which rise from a tuft of small, soft green leaves, July, 4 in. ....		.50	....
Pyramidalis Alba. White, 5 ft. ....	1/4 oz., 75c	.35	....
Blue. Lavender-blue, 5 ft. ....	1/4 oz., 65c	.25	....
Mixed. ....	1/4 oz., 65c	.25	....
Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. Easiest of all Campanulas and a very charming one. ....	1/4 oz., 60c	.25	2.00
Rotundifolia (Scotch Blue Bell). X Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in. 1/2 oz., \$1.00		.35	....
Olympica. X Light blue. 10 to 12 in. ....		.50	....
Perennial Varieties. Mixed. ....	1/4 oz., 60c	.25	2.00
Rock Garden Varieties. Mixed. ....	1/4 oz., 75c	.25	....

### CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch each. ....	1/4 oz., 45c	.15	1.60
Calycanthema Mixed. ....	1/4 oz., 40c	.15	1.35
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each. ....		.15	.60
Single Mixed. ....		.15	.60
Double Blue. ....	1/4 oz., 65c	.25	....
Rose. ....	1/4 oz., 65c	.25	....
White. ....	1/4 oz., 65c	.25	....
Mixed. ....	1/4 oz., 50c	.15	....
Double and single mixed. ....		.15	.60

Candytuft X Gibraltarica. 1 ft. Large flowers, lilac shaded to white. ....	1/4 oz., 45c	.20	1.40
Jucunda (Lebanon Candytuft). Dwarf pretty pink, 4 in. ....	1/8 oz., \$1.40	.50	....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in. ....	1/4 oz., 25c	.15	.80
Sempervirens, 12 in. White. ....	1/4 oz., 95c	.35	3.40

Canterbury Bells. See Campanula Medium.			
Carnation, Grenadin Red. Half high. 20 in. ....		.50	....
Golden Sun. Golden yellow. ....	1/8 oz., \$1.00	.50	....
White, 20 in. ....	1/4 oz., \$1.00	.35	3.60
Triumph Rose, 20 in. ....	1/4 oz., \$1.40	.50	....
King of the Blacks. Darkest red, very fine. 20 in. ....	1/4 oz., \$1.20	.35	....
Mixed. ....	1/4 oz., 90c	.50	....

Caryopteris Mastacanthus Superbus Mixed. An interesting shrubby plant 2 ft. tall. Easily raised from seed. Blooms freely during September and October, silvery green foliage. ....		.25	....
Blue. Known as "Blue Spiraea." ....		.35	....
White. ....		.35	....

Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in. ....	1/4 oz., 40c	.25	1.40
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Catananche Coerulea. Chaff-like brilliant blue flowers, resembling those of the Everlasting. Useful for cutting. 30 in. ....	1/4 oz., 40c	.25	1.40
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Centaurea Dealbata. Large and striking rose pink flowers. Graceful silvery leaves, 18 in. ....		.25	....
Macrocephala. Radiant yellow thistle-like blooms often 4 in. across. 36 in. ....	1/4 oz., 45c	.25	1.50
Montana. Cornflower blue. 24 in. ....	1/4 oz., 60c	.25	....
Ruthenica. Light yellow. 4 ft. ....		.35	....
Perennial sorts mixed. ....	1/4 oz., 60c	.25	2.00

Cephalaria Alpina. Sulphur-yellow. 5 ft. ....	1/4 oz., 75c	.25	....
Cerastium X Tomentosum (Snowin Summer). Silvery white foliage, white flowers. 16 in. ....	1/4 oz., 1.00	.25	....



SHASTA DAISY—Diener's Double Giant

	Trade pkt.	Oz.
Cheiranthus Allionii. Brilliant orange. 16 in. lb., \$3.30	\$0.10	\$0.35
Golden Bedder. Deep golden yellow flowers, sweetly scented, long flowering. ....	1/4 oz., 25c	.15 .80
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in. ....	1/4 oz., 70c	.25 .80
Linifolius. Lilac, 18 in. ....		.20 .80
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. ..		.15 .80
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower. . . 3 to 4 ft.		.20 .80
Torreyi. Brick-red, 4 ft. ....	1/4 oz., 35c	.15 1.00
Hybrida. Mixed. 4 ft. ....		.15 .80
Clove Pink. See Dianthus Plumarius.		

### CHRYSANTHEMUM

Leucanthemum (Spring Marguerite). Early flowering, white. 36 in., "Mothers' Day." ....		.15 .80
Maximum Conqueror (Victor). Giant flowered white. ....	1/4 oz., 30c	.15 1.00
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. ....	1/4 oz., 25c	.15 .90
Fringed Semi-Double and Double. The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. ....	1/4 oz., 90c	.50 3.00
King Edward VII. White. ....		.25 .80
Mrs. C. Lothian Bell. Single white. 3 ft. ....	1/4 oz., 40c	.25 1.40
White Fairy. New long stemmed, giant white fringed flowers in clusters of 5 to 7 flowers on one stem. Blooms in July and August. . . 1/4 oz., 60c		.35 2.00
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double. ....	1/8 oz., \$2.20	1.00 .80
September Jewels. September Jewels are the most important advance made in Chrysanthemums since the introduction of the Korean Hybrids. They are easy to grow from seed starting to bloom two to four weeks ahead of any other type and contain an extra-large number of beautiful colors. The plants grow 1 to 2 feet tall and the flowers measure about 2 1/2 inches in diameter. ....	1/8 oz., \$1.50	.50 .80
Clematis Paniculata. Panicles of misty white, fragrant flowers in late summer. ....	lb., \$4.00	.15 .40
Columbine. See Aquilegia.		



## Seeds of Biennials and Hardy Perennials

<b>Coreopsis Lanceolata Grandiflora.</b> Very large golden yellow flowers, long stemmed, excellent for cutting, .....	Tr. pkt.	Oz.	
.....lb., \$2.40	\$0.10	\$0.30	
<b>Lanceolata Auriculata Superba Diadem.</b> Dark yellow with band of brownish red around disc. 3 ft. ....	.15	.60	
<b>Double Sunburst (Double New Gold).</b> Large double flowers 1½ to 2 in. across.....	¼ oz., 25c	.15	.90
<b>Mayfield Giant.</b> Best large deep golden yellow. ....	¼ oz., 25c	.15	.70
<b>Verticillata.</b> 18 in. Heads of rich golden yellow flowers on tall, erect yet slender stems. Leaves feathery.....	.25	....	
<b>Corydalis × Cheilanthifolia.</b> Fern-like foliage, golden yellow flower spikes. April-Oct. 20 in.....	.50	....	
<b>Sempervirens Rosea.</b> Beautiful blue gray lacy foliage, lovely air swung blossoms in purest pink with gold tip. 12 to 18 inches.....	⅛ oz., \$1.00	.35	....
<b>Cynoglossum Nervosum.</b> A perennial, Chinese Forget-me-not, large blue flowers in May... ⅛ oz., 90c	.35	....	
<b>Daisy.</b> See <i>Bellis</i> , <i>Agathe</i> , <i>Chrysanthemum Maximum</i> and <i>Pyrethrum</i> .			
<b>Daisy, Shasta, Alaska.</b> Best white, American-grown, 40 in. ....	¼ oz., 30c	.15	1.00
<b>Diener's Giant Double Shasta.</b> Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of Singles. The second year they act like <i>Pyrethrum Double</i> in that they show practically 100% doubles.....	¼ oz., \$3.50; ⅛ oz., \$2.00	.50	....
<b>Diener's Giant Double Ever-Flowering Shasta Daisy G. Marconi.</b> The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long. Originator's seed.....	.75	....	
<b>Diener's Fancy Chiffon Shasta Daisy Glendale.</b> The flowers are 2 inches across, have fringed and lacinated petals, interlaced, which are borne on strong stems. Seed from originator.....	.75	....	

## Delphinium

**PACIFIC GIANT (Vetterle and Reinelt).** This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

**Black Knight Series.** The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture, which gives the color luminosity and vividness not seen before. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Blue Bird.** A clear medium blue with huge tall spikes. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Blue Jay.** Medium to dark blue with dark bee. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Cameliard Series.** This is a pure lavender self, with white bee; the individual flowers are very round and flat. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Galahad Series.** Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Guinevere.** Light pink lavender self with white bee. Individual floret 2½ to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**King Arthur.** Brilliant royal violet with large white bee. Individual florets 2½ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Lancelot Series.** Pure lilac self tone with white bee. Individual flowers 2 to 2½ inches in diameter. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Summer Skies.** Clearest light blue with white bee. Individual florets 2 to 2½ inches in diameter. Thin woody stems with very strong branching habits. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.



DELPHINIUM PACIFIC GIANT HYBRIDS

### DELPHINIUM PACIFIC HYBRIDS—Continued

**Round Table Series.** As the name implies, this represents all of the color combinations of the above Knights and their Ladies. This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25; ⅛ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

**Clear White.** Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant. Trade pkt., \$1.00; ⅛ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.

**Pacific Giant Dark Blue Shades.**

**Pacific Giant Light Blue Shades.**

**Pacific Giant Medium Blue Shades.**

**Pacific Giant Lavender Pastel Shades.** Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

**Pacific Giant Violet Shades.**

**Pacific Giant Mixed.**

**Each of above 6:** Trade pkt., \$1.00; ⅛ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.

**Blackmore and Langdon Strain, Mixed.** Tall, graceful Tr. pkt. Oz. spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. 4oz., \$9.00; ¼ oz., 90c \$0.50 \$3 00

**Wrexham Strain (Hollyhock Delphinium).** The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period.

Art shades..... ¼ oz., \$1.70 .75 6.40

Deep Blue Shades..... ¼ oz., 1.70 .75 6.40

Light Blue Shades..... ¼ oz., 1.70 .75 6.40

Mid-Blue Shades..... ¼ oz., 1.70 .75 6.40

Mixed..... ¼ lb., \$16.00; ¼ oz., \$1.50 .50 5.40

**Gold Medal Hybrids.** Extra choice strain... lb., \$16.00 .25 1.80

**Vaughan's Special Mixture.** Perennial varieties. .... ¼ oz., \$1.80 .50 6.00

**Belladonna.** Blue Grotto. Deep blue, bee royal purple with cream center..... ¼ oz., 75c .35 2.80

**Light Blue, Improved.** Light blue, large flowered, strong grower. 4 to 5 ft. .... ¼ oz., 75c; lb., \$32.00 .35 2.80

**Lamartine.** The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost..... ¼ oz., \$1.40 .50 4.80



## Seeds of Biennials and Hardy Perennials

DELPHINIUM—Continued		Trade pkt. Oz.	
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. ....	lb., \$32.00; ¼ oz., 75c	\$0.35	\$2.70
Cardinale. Fine scarlet flowers, yellow center, 30 in. ....	¼ oz., 75c	.35	2.60
Chinense Album Grandiflorum. White, 36 in. ¼ oz., 35c		.20	1.00
Blue. Gentian blue. ....	¼ oz., 35c	.20	1.20
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal disposition. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. "Blue Mirror" belongs to the few best "Blues;" when grown in masses it makes an overwhelming impression. ....	½ oz., \$1.00	.50	....
Cambridge Blue. Rich belladonna blue. ....	¼ oz., 75c	.35	2.60
Azure Fairy. Soft azure-blue, 20 in. ....	¼ oz., 40c	.20	....
Mixed. ....	¼ oz., 35c	.15	1.20
Elatum Hybridum Indigo, True Blue. 5 ft. ¼ oz., \$1.00		.35	3.60
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in. ....	¼ oz., \$1.25	.35	4.00

### DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in. ¼ oz., 50c	.25	1.60	
Nigrescens. Almost black. ....	¼ oz., 50c	.25	....
White. ....	¼ oz., 50c	.25	1.60
Dwarf Midget Mixed. ....	¼ oz., 60c	.25	2.00
Double Mixed. ....	¼ oz., 65c	.25	2.20
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.			
Single Blood-red (Atrosanguineus). ....	¼ oz., 40c	.15	1.20
Giant White. Enormous trusses of bloom. ¼ oz., 50c		.20	1.80
Homeland. A most unusual color, dark red with large, sharply defined clear white center. See illustration on Back Cover. ....	¼ oz., \$1.00	.50	....
Nigrescens. Very dark, almost black. ....	¼ oz., 30c	.15	1.00
Newport Pink Salmon-pink. ....	¼ oz., 70c	.25	2.40
Purple Beauty. Bright deep purple. ....		.35	....
Scarlet Beauty. Scarlet. ....	¼ oz., 70c	.25	2.40
Dwarf Midget Mixed. ....	¼ oz., \$1.40	.50	5.00
Mammoth Flowered. Single mixed. ....	¼ oz., 50c	.20	1.80
Vaughan's Special Mixture. Double and single of above choice varieties. ....	¼ oz., 70c	.35	2.40

### DIANTHUS PLUMARIUS—Clove Pinks X

Albus Plenus. Double white. ....		.50	....
Cyclops. Red Hybrids. ....	¼ oz., \$1.00	.35	3.00
Highland Queen. Bright crimson. ....		.50	....
Highland Rose Hybrids Mixed. Beautiful and varied mixture, especially noted for their fragrance and long flowering. ....	¼ oz., \$1.00	.35	3.60
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double. ....	½ oz., \$1.20	.50	....
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering. ....	½ oz., \$1.50	.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant. ....	¼ oz., 70c	.25	2.40
Single Mixed. ....	¼ oz., 40c	.15	1.40
Double. Fine mixed. ....	¼ oz., 50c	.25	1.80
Double Early-Flowering. Dwarf Mixed. ....	¼ oz., \$1.00	.35	....
Semperflorens. Double and Semi-Double Mixed. ....	¼ oz., 50c	.25	1.80
Vaughan's Special Mixture. ....	¼ oz., 90c	.35	3.20

### DIANTHUS—SORTS

Allwoodii. X 18 in. Mixed colors. Double, semi-double and single flowers in a wide color range. ½ oz., \$1.00		.35	....
Alpinus. Mixed colors. X Glossy leaves, large flowers various shades of pink and rose. ....	¼ oz., \$1.40	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in. ¼ oz., 70c		.25	2.40



### SWEET WILLIAM Single "Midget" MIXED COLORS

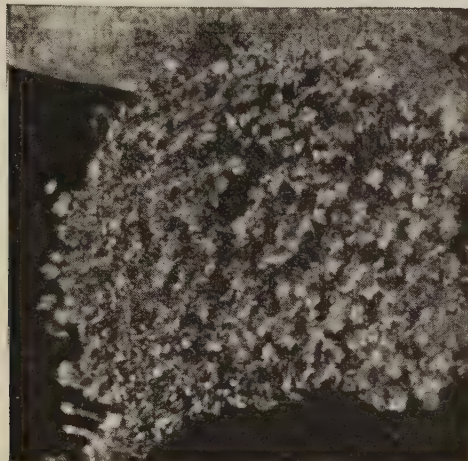
The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00.

DIANTHUS—Sorts—Continued		Trade pkt. Oz.	
Barbatus X Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year. ....	¼ oz., 25c	\$0.15	\$0.75
Blue. See New Blue.			
Carthusianorum Giganteus. 40 in. The tallest Dianthus, crimson pink flowers. ....		.35	....
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage and large fragrant rose-colored flowers. ....	¼ oz., 65c	.25	2.00
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominant shades are velvety rich reds; many have the eye of a Sweet William. ....		.35	....
Deltoides Brilliant (Maiden Pink). X Beautiful little prostrate plant, narrow leaves with a profusion of small crimson red flowers. ....	¼ oz., 70c	.25	2.40
Erecta Red. ....	½ oz., \$1.00	.50	....
Major Stern's Variety. Bright crimson, dark foliage. ....	¼ oz., 70c	.25	2.40
Mixed. Fine for rock gardens. ....		.35	....
Graniticus. X Carmine. 9 in. ....	¼ oz., \$1.00	.25	....
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage. ....	¼ oz., \$1.20	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout 15 to 18 in. stem. ....	¼ oz., 35c	.15	1.00
Loveliness. Large lacinated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance. ....	¼ oz., \$1.35	.50	....
Neglectus X (Glacier Pink). Is about 3 in. high with close tufts of foliage and many very fine salmon pink flowers. ....	1000 seeds, \$2.40; 100 seeds, 30c		....
Rose Cushion. From a little cushion of gray-green foliage that is evergreen in character, hundreds of straight stems arise, and in late May the flowers appear as if by magic. The color is pure pink, flowers about ¾ in. across, plants about 3 to 4 in. tall. ....		.50	....
New Blue. The color is a bright lavender-blue, foliage deep green, and the flowers are in trusses about 9 inches high. ....	250 seeds, \$1.00 net.		....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft. ....	¼ oz., 30c	.15	1.00
Sweet Wivelsfield Double mixed. ....	¼ oz., 50c	.25	1.80
Best Rock Work Species Mixed X. ....	¼ oz., 60c	.25	2.20
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ¼ oz., \$1.25		.50	....



# Seeds of Biennials and Hardy Perennials



**DIANTHUS Neglectus Rose Cushion**



**MYOSOTIS "Blue Eyes"**



**DORONICUM**

<b>Dicentra Eximia</b> (Plumy Bleeding Heart). Dwarf. Trade pkt. Oz.			
12 in. ....	1/4 oz., 70c	\$0.25	\$2.40
<b>Dictamnus Fraxinella</b> (Gas Plant). Pink flowers with dark veins, 30 in. ....	1/4 oz., 45c	.25	1.40
<b>Fraxinella Albus</b> . White, 30 in. ....	1/4 oz., 60c	.25	2.00
Mixed. ....	1/4 oz., 50c	.25	1.70
<b>Dielytra Spectabilis</b> ....	1/4 oz., \$4.50	.50	16.00

**DIGITALIS (Foxglove)**

<b>Hybrida Lutzii</b> . Salmon hybrids, 4 ft. ....	1/4 oz., 50c	.25	....
<b>Gloxiniiflora</b> . Mixed, spotted flowers, 4 ft. ....	1/4 oz., 50c	.20	1.60
Alba. White. ....		.25	....
Purple. ....		.25	....
Rose. ....		.25	....
Isabellina. A good yellow. ....		.25	....
Pastel shades. ....	1/4 oz., 60c	.25	1.80
<b>Shirley Hybrids</b> . Mixed. Enormous flowers, rich mixture, 6 to 7 ft. ....	1/4 oz., 60c	.25	2.00
<b>Grandiflora</b> . Chrome-yellow. Marked with brown. (Ambigua), 36 in. ....	1/8 oz., 60c	.25	....
<b>Laevigata</b> . A dignified and handsome perennial Foxglove. Bronzy yellow flowers with whitish lip. ....		.35	....
<b>Nevadiensis</b> . It is a small flowered species, long lived and exceedingly floriferous. Blooms are creamy yellow, carried in long graceful wand-like spikes, all blooms drooping on one side. Our grower writes: "Think it would be a good florists' cutting variety." ....	1/8 oz., 80c	.25	....
<b>Orientalis</b> . 30 in. Blossoms of silvery down, on cream, all laid about with an even netting of chestnut brown. ....		.50	....
<b>Purpurea Monstrosa</b> . Mixed, 3 ft. Long spikes surmounted by one enormous flower. ....	1/4 oz., 50c	.20	1.80
<b>Vaughan's Special Mixture</b> . ....	1/4 oz., 50c	.25	1.80

**Doronicum Caucasicum**. Large daisy-like flowers have long stems and keep fine when cut. Divisions potted up in Dec. are easily flowered in a cool greenhouse in Feb. 2 ft. Seed germinates slowly. 1/16 oz., \$1.20 .50 ....

**Pardalianches Bunch of Gold**. Long stemmed canary-yellow daisy-like flowers. .... .50 ....

**FORGET-ME-NOT (Myosotis)**

<b>Alpestris Blue Eyes</b> . Bright blue with white eye, large, early. ....	1/4 oz., \$1.20	.35	4.00
<b>Indigo Blue (Royal Blue)</b> . 12 in. ....	1/4 oz., 90c	.35	3.20
<b>Blue Compacta</b> . Deep blue. ....	1/8 oz., 75c; 1/4 oz., \$1.30	.35	4.80
<b>Stricta</b> . Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ....	1/8 oz., \$1.00	.50	....
<b>Oblongata Perfecta</b> . Early and late flowering. ....	1/4 oz., 60c	.25	2.00
<b>Palustris</b> . Semperflorens. Large rich, blue, flowers with yellow eye in bloom from early spring until autumn, 1 ft. ....	1/4 oz., \$1.00	.35	....

**FORGET-ME-NOT—Continued**

<b>Vaughan's Early Blue Bird</b> . An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. ....	1/4 oz., 85c	\$0.35	\$3.00
<b>Star of Love</b> . Dwarf blue, 8 in. ....		.50	....

**Echinops** (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlasting. Grow in clumps in full sun. .... 1/4 oz., 75c .25 ....

**Edelweiss**. X Pretty silvery white leaves, star like heads clothed with a dense white wooly substance. 6 in. .... 1/16 oz., \$1.00 .35

**Eremurus**, known as Fox Tail Lilies and Desert Candles. Mixed. .... 1/4 oz., \$1.60 .50 5.50

**Erigeron Coulteri**. Forms neat clumps about 10 in. tall and the large white rayed blossoms with yellow centers come in June. .... .35 ....

**Divergens**. Lavender. 18 in. .... .35 ....

**Erinus** X **Alpinus**. Purple, for borders, 6 in. .... .50 ....

**Eryngium Alpinum**. True blue, 2 2/3 ft. .... .50 ....

**Amethystinum**. True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft. .... 1/4 oz., 70c .25 2.40

**Bourgatii**. The leaves deeply cut have light veins which are very attractive. The stems, flower-heads and radiant pointed petals are steel-blue. .... .50 ....

**Giganteum**. Silver Thistle. Greenish white. .... .50 ....

**Planum**. Cornflower blue, globular heads, 4ft. .... .25 1.80

**Euphorbia Corollata** (Wild Baby's Breath). Resembles Gypsophila but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft. .... 1/8 oz., 70c .35 4.40

**Myrsinites**. A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring 3 in. .... 1/8 oz., \$1.00 .35 6.00

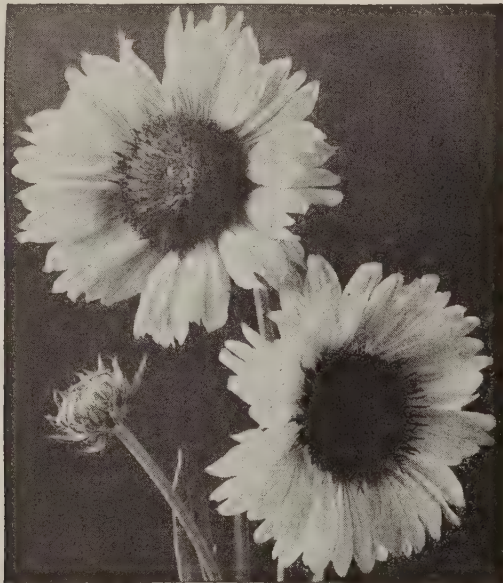
**Polychroma**. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in. .... 1/8 oz., \$1.60 .50 10.00

**GAILLARDIA Grandiflora**

<b>Bremen</b> . Coppery scarlet with yellow tips. ....	1/4 oz., 50c	.25	1.50
<b>Burgundy</b> . Self colored wine-red, 2 1/2 in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ....	1/4 oz., 60c	.25	2.00
<b>Dazzler</b> . Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ....	1/4 oz., 50c	.25	1.60

Rock plants are followed by X, and the heights given are of the plants when in bloom.





GAILLARDIA Grandiflora Maxima Aurea



GEUM Mrs. Bradshaw

### Seeds of Biennials and Hardy Perennials

GAILLARDIA Grandiflora—Continued Trade pkt. Oz.

<u>Goblin</u> . Very compact globular plants, red and yellow bicolor. . . . .	¼ oz., 65c	\$0.25	\$2.20
<u>Maxima Aurea</u> . Very large golden yellow flowers with large red eye. . . . .	¼ oz., 50c	.25	1.60
<u>Monarch Strain</u> . A robust strain very varied in coloring and with flowers of giant size and perfect form. . . . .	¼ oz., 50c	.25	1.60
<u>Portola Hybrids</u> . The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft. . . . .	¼ oz., 50c	.25	1.60
<u>Tangerine</u> . Vivid tangerine orange. . . . .	¼ oz., 50c	.25	1.80
<u>The King Regalis</u> . Deep red, edged gold, large flowers . . . . .	¼ oz., 50c	.25	1.80
<u>Torchlight</u> . Bright golden yellow, rich maroon center. 2 ft. . . . .	¼ oz., 50c	.25	1.80

Gas Plant, see Dictamnus.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. . . . .  
100 seeds, 45c; 1000 seeds, \$3.00 . . . . .

<u>Geum Borealis</u> (True). Is an evergreen species with foliage rather prostrate and branching flower stems 8 to 12 in. long. Orange scarlet flowers produced abundantly over a long period. . . . .	.75	....	....
<u>Lady Stratheden</u> × (Golden Ball). The blooms are large double rich golden yellow. 2 ft. . . . .	¼ oz., 50c	.25	1.80
<u>Mrs. Bradshaw</u> . × Large double fiery orange red. 2 ft. . . . .	¼ oz., 50c	.25	1.80
<u>Orange Queen</u> . Large double orange-scarlet. 2 ft. . . . .	¼ oz., \$1.20	.35	4.00
<u>Prince of Orange</u> . True orange . . . . .	¼ oz., 90c	.35	3.00
<u>Mixed</u> . . . . .	¼ oz., 60c	.25	2.00

Gilla Coronopifolia (Ipomopsis Elegans Mixed). 3½ ft. (Standing Cypress.) The flowers are 1½ inches long, trumpet shaped, borne along the side of the stem, mixed colors. A biennial. . . . .

Globularia Trichosantha (Globe Daisy). Dwarf small globe-shaped flowers of dark blue. 12 in. . . . .

<u>Gypsophila Acutifolia</u> . Strong growing plant which branches freely and grows to 3 feet. The many tiny flowers are flushed pink and make an attractive mass. Flowers in midsummer. . . . .	.25	....	....
<u>Mangini</u> . An improved Acutifolia. . . . .	¼ oz., 60c	.25	1.80
<u>Oldhamiana</u> . Great tangles of airy, misty blossoming in pinks. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. . . . .	¼ oz., 65c	.25	2.20

GYP SOPHILA—Continued Trade pkt. Oz.

<u>Pacifica</u> . Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 80c	\$0.25	\$2.70	
<u>Paniculata Snow-White Double</u> . Pure white double strain. 2 ft. . . . .	¼ oz., \$1.25	.50 4.40	
<u>Paniculata White</u> . Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., \$1.10	.10	.40	
<u>Repens</u> × White flowers, trailer, good border or rock plant. 6 in. . . . .	¼ oz., 60c	.25 2.00	
<u>Rosea</u> . Pink. . . . .	¼ oz., 70c	.25 2.60	
<u>Helenium Autumnale Superbum</u> . Broad heads of deep golden yellow flowers in late summer. ¼ oz., \$1.00	.35	....	
<u>Bigelowi</u> . Yellow dark disc, for cutting. 20 in. ¼ oz., 90c	.35	3.20	
<u>Hoopesi</u> . Yellow. Early flowering. 30 in. ¼ oz., 45c	.25	1.40	
<u>Riverton Beauty</u> . Lemon-yellow with large purplish black cone. 4 ft. . . . .	⅛ oz., \$1.40	.50	....
<u>Riverton Gem</u> . Flowers open as old gold and terracotta changing to wallflower red. 3½ ft. ¼ oz., \$1.00	.35	3.60	
<u>Helianthemum</u> × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. . . . .	¼ oz., 40c	.20	1.40
<u>Helianthus</u> (Sunflower). <u>Maximilianus</u> . Early-flowering, yellow. 3 ft. . . . .	¼ oz., 50c	.25	....
<u>Orgyalis</u> (Willow-leaved Sunflower). Stems densely clothed with whorls of finely cut graceful foliage and bearing numerous heads of bright yellow flowers with black central disc, in fall. 7 ft. . . . .	.25	....	
<u>Perennial Varieties</u> . Mixed. . . . .	¼ oz., 70c	.25	2.40
<u>Heliopsis Laevis Pitcheriana</u> . Deep golden yellow flowers, 2 in. in diameter, very thick texture. Good cut flower. 4 ft. . . . .	¼ oz., 65c	.25	....
<u>Lemoine's Giant</u> . A very brilliant border plant; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year. ¼ oz., 70c	.35	2.40	
<u>Scabra Zinniaeflora</u> . Large deep yellow flowers, very showy, free and continuous bloomer. 3 ft. . . . .	.25	....	
<u>Hesperis Matronalis</u> (Sweet Rocket). Fragrant purple flowers in showy spikes. 40 in. . . . .	.25	....	
<u>Matronalis Alba</u> . White. Sweet scented. 40 in. . . . .	.25	....	
<u>Heuchera</u> × <u>Sanguinea</u> . (Coral Bells.) Bright rich crimson, blooms from early summer until fall. Excellent for cutting. 30 in. . . . .	⅓ oz., \$1.80	.50	....
<u>Sanguinea Splendens</u> . Bright vermilion. . . . .	.50	....	
<u>Hybrida Mixed</u> . . . . .	⅓ oz., \$1.20	.35	....
<u>Hoodacres Hybrids</u> . Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades. . . . .	1.00	....	





GYPSOPHILA Oldhamiana

### Seeds of Biennials and Hardy Perennials

Hibiscus Crimson Eye. White with red eye. 4 ft. Trade pkt. Oz.			
..... 1/4 oz., 30c	\$0.15	\$1.00	
Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red. .... 1/4 oz., 50c	.25	1.60	
Mallow Marvels. Mixed. 4 ft. .... lb., \$6.00	.15	.60	
Red. .... 1/4 oz., 30c	.15	1.00	
Rose. .... 1/4 oz., 30c	.15	1.00	
<b>Hollyhocks. Double.</b>			
Appleblossom. .... 1/4 oz., 40c	.25	1.40	
Chamois. Colorado Sunset or Queen of Sheba. Salmon-rose. .... 1/4 oz., 40c	.25	1.40	
Crimson. .... 1/4 oz., 40c	.25	1.40	
Deep Salmon Red. .... 1/4 oz., 40c	.25	1.40	
Lilac Beauty. .... 1/4 oz., 40c	.25	1.40	
Maroon. .... 1/4 oz., 40c	.25	1.40	
Deep Rose. Carmine rose. .... 1/4 oz., 40c	.25	1.40	
Newport Pink. .... 1/4 oz., 40c	.25	1.40	
Orange Prince. Giant double yellow flowers, fiery orange center. .... 1/4 oz., 65c	.30	2.00	
Purple Robe. Purple amaranth. .... 1/4 oz., 40c	.25	1.40	
Salmon Rose. .... 1/4 oz., 40c	.25	1.40	
Scarlet (Blood Red). .... 1/4 oz., 40c	.25	1.40	
White. .... lb. \$14.00, 1/4 oz., 40c	.25	1.40	
Yellow. .... lb. \$14.00, 1/4 oz., 40c	.25	1.40	
Chater's Prize. Double Mixed. .... 1/4 oz., 40c	.25	1.30	
Imperator, Improved ("Begonia Flowered" Crested Mixed). Collar of frilled and fringed edges. .... 1/4 oz., 50c	.25	1.80	
Souvenir Mixture. Semi-double with notched or toothed edges. Rich yellows and pinks, very pleasing. .... 1/4 oz., 50c	.25	1.80	
Triumph. Double waved and fringed flowers in delicate art shades. .... 1/4 oz., 45c	.25	1.60	
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny. .... 1/4 oz., 50c	.25	1.80	
Single mixed. .... 15	.70		
Single Black, Pink, Red, Rose, Salmon, White and Yellow, each. .... 25	....		
Allegheny. Mammoth-flowering. Semi-double flowers with frilled edges. Mixed. .... 15	.70		
Everblooming Double Hybrids, mixed. If sown early will bloom first year. .... 15	.80		
Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early. .... 1/4 oz., 50c	.25	1.60	
Incarvillea Delavayi. Large Gloxinia-like flowers, rosy purple, very handsome. 24 in. .... 50	....		
Grandiflora Brevipes. Bright deep rose. 2 ft. .... 50	....		

Inula X Ensifolia. Compact bushes 16 in. high with large daisy-like flowers in July and Aug. Prefers full sun and soil that is not too rich. 12 in. .... Trade pkt. Oz.			
Glandulosa Grandiflora. Orange. 2 ft. ....	.35	....	
Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer. .... 1/4 oz., 65c	.35	\$2 20	
Kaempferi. Mixed. Most seedlings bloom the second year. 18 in. .... lb., \$8.00	.15	.80	
Siberian Mixed. 36 in. .... lb. \$4.00	.10	.40	
Isatis Glauca. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft. .... 1/4 oz., 50c	.25	....	
Jasione Humilis. Very dainty lavender blue flowers like a scabiosa in June and July. 1 ft. ....	.35	....	
Kenilworth Ivy X (Linaria Cymbalaria). Pretty trailing variety. Pink. .... 1/4 oz., 55c	.25	....	
Lathyrus Latifolius (Everlasting Pea). Mixed. ....	.15	.60	
Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft. .... 1/4 oz., 25c	.15	.80	
Red. Magenta. 7 ft. .... 1/4 oz., 25c	.15	.80	
White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft. .... 1/4 oz., 25c	.15	.80	
Lavendula Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera. .... 1/4 oz., 75c	.25	2.60	
Lepachys Maroon and Gold. The flower-heads are little silky columns set successively with tiny blossoms and guarded at the base by wide petal-rays of richest maroon, gold-edged. ....	.35	....	
Liatriis Spicata (Blazing Star). Purple rose, 20 in. .... 1/4 oz., 65c	.25	2.20	
Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft. .... 1/4 oz., 75c	.25	2.60	
Scariosa. Violet-purple. 4 ft. .... 1/4 oz., 90c	.35	3.20	
Alba. Is stocky, almost bushy and has several full flowering stalks growing about 2 1/2 ft. high. The flowers are attractive white pompons thickly studding the main stalk as well as the branches. .... 1/4 oz., \$1.90	.50	5.60	
September Glory. A giant 6-foot spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. A splendid improvement over the old variety. Late flowering. September. .... 1/4 oz., \$1.40	.50	5.00	
Linaria. Alpina. X Purple blotched orange flowers like miniature snapdragons. 4 in. ....	.50	....	
Cymbalaria, X Pink. 3 in. .... 1/4 oz., 55c	.25	....	
Dalmatica. Lemon yellow. 3 ft. .... 1/4 oz., 40c	.25	1.40	
Macedonica Speciosa. Nymph. Creamy white. 36 in. ....	.35	....	

### Lilies

#### Culture on Lilies from seed sent free with order.

Creole. X White Queen Hybrid. A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen. 1/2 oz., \$2.80; 1/4 oz., \$5.00	1.25	15.00
Concolor. Erect fiery scarlet with dark red spots. .... 1/4 oz., 65c	.25	2.20
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers. .... 1/4 oz., 60c	.25	2.00
Formosanum Giant Pure White. ....		

Longiflorum Praecox (White Queen). Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. 1/2 trade pkt., 60c; trade pkt., \$1.00; 1/4 oz., \$3.20; oz., \$12.00.

Rock Plants are followed by X, and the heights given are of the plants when in bloom.





LILIUM Longiflorum Praecox White Queen



MATRICARIA Double Select White

## Russell Lupinus

### A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

The Russell Lupins have three virtues, not including color, that the older varieties lacked: ability to travel well when cut, less tendency for the lower flowers to fade before the whole spike is out and excellent keeping qualities in the house.

Grown from originator stock seed.

Trade pkt., 35c; oz., \$1.80; 1/4 lb., \$5.00; lb., \$16.00.

## Seeds of Biennials and Hardy Perennials

LILIES—Continued Trade pkt. Oz.

Regale. Pink outside, interior primrose-yellow. 3 to 5 ft. .... 1/4 oz., 25c	\$0.15	\$0.80
Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red flowers up and down the stem. 20 in. .... 1/4 oz., 40c	.25	1.20
Linum Alpinum. X Pale blue. Prostrate habit. ....	.50	....
Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in. ....	.15	.50
Perenne Fl. Album. Neat white flowers. 30 in. ....	.15	.60
Mixed. ....	.15	.50
Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft. .... 1/4 oz., 75c	.25	2.60
Compactum Nanum. X Glowing golden yellow, dark green foliage. Everbloomer, 6 in. .... 1/8 oz., 90c	.35	....
Lewisii. An exceedingly robust species with great arching sprays of shining blue flowers with pale blotches. Flowers have the additional attraction of being fragrant. 2 1/2 ft. .... 1/4 oz., 75c	.35	2.60
Narbonense. Azure blue, flowers with white eye, graceful habit. 30 in. .... 1/4 oz., 75c	.35	2.60
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue. .... 1/4 oz., 90c	.35	3.20
Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. 36 in. .... 1/4 oz., 80c	.25	2.80
Syphilitica. (Great Blue Lobelia). Blue flowers, streaked with white. 24 in. .... 1/4 oz., \$1.00	.25	....
Lunaria Biennis. (Honesty). Lilac purple flowers, silvery pod. ....	.25	1.20
Biennis Alba. ....	.25	1.20
Mixed. ....	.25	1.00
Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft. .... 1/4 oz., 25c	.15	.80
Atrio-violaceus. Large dark blue. .... 1/4 oz., 50c	.25	....
Carmineus. Carmine shades. .... 1/4 oz., 50c	.25	1.60
Coeruleus Blue. .... 1/4 oz., 30c	.15	.90
Lavender Queen. Lavender tinted pink, 3 ft. ....	.25	2.40
Roseus. Very pretty rose shades. 3 ft. .... 1/4 oz., 65c	.25	2.20
Salmoneus. Delicate salmon shades. .... 1/4 oz., 30c	.15	1.00
Six Hills Scented. Flowers are sweetly scented and have a great range of color. .... 1/4 oz., 25c	.15	.80
Harkness' Regal Mixture. A mixture of charming colors, in which rose, buff, flesh and salmon shades predominate. ....	.15	1.00
Downer's Hybrids. Perpetual flowering hybrids. ....	.15	.80
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins. ....	.15	1.00

Lychnis Alpina. X Rose. 12 in. ....	\$0.35	Trade pkt. Oz.
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft. .... 1/4 oz., 70c	.25	\$2.40
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft. .... 1/4 oz., 50c	.20	1.60
Chalcedonica. Vivid scarlet flowers. 36 in. .... 1/4 oz., 30c	.15	1.00
Forrestii Hybrids. Showy panicles of carmine, crimson, pink and white flowers, 2 ft. .... 1/4 oz., 85c	.25	....
Haageana Hybrida. Mixed, extra choice, 18 in. ....	.25	....
Scarlet. Large brilliant orange scarlet flowers. 18 in. ....	.35	....
Viscaria Splendens. Early, deep rose, 16 in. .... 1/4 oz., 45c	.25	1.40
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in. .... 1/4 oz., 50c	.25	1.65

**Matricaria.** (Feverfew). Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Matricaria Golden Ball. Striking double golden yellow. Trade pkt. Oz.		
8 in. .... 1/4 oz., 60c	\$0.25	\$2.00
Snowball. Double white. 8 in. .... 1/4 oz., 60c	.25	2.00
Monarda (Bergamot or Bee Balm). Didyma Hybrida. Mixed. 36 in. .... 1/4 oz., \$1.00	\$0.35	....
Myosotis. See Forget-Me-Not.		
Native Wild Flowers. Mixed. .... 1/4 oz., 60c	.25	2.20
Nepeta Mussini. X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. ....	.25	....
Nierembergia Hippomanica (Coerulea). The lovely lavender-blue flowers, heightened by a touch of yellow in the center, are most charming. Plants are compact, not over 5 or 6 inches tall. As an edging plant it is unexcelled, and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. ....		
..... 1/32 oz., \$1.50; 1/16 oz., \$2.75	.50	....
Coerulea, Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color, from which it was selected. ....		
..... 1/32 oz., \$1.65; 1/16 oz., \$3.00	.50	4.00
Oenothera Fraseri. Deep yellow. 24 in. .... 1/8 oz., 75c	.35	....
Lamarkiana. Large yellow on long spikes, 2 ft. ....	.10	.40
Macrocarpa (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in. .... 1/4 oz., 70c	.25	2.40



# Seeds of Biennials and Hardy Perennials

## POPPY

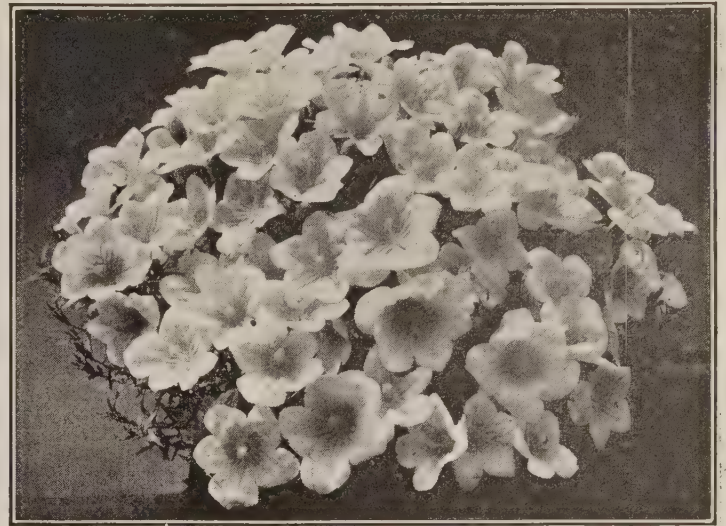
Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

- Papaver Lateritium.** 20 in. Flowers terra-cotta tinted salmon, foliage is feathery with a slight blue cast. Trade pkt. Oz. \$0.50
- Nudicaule X (Iceland). Amurense "Yellow Wonder."** Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ¼ oz., 65c .25 \$2.40
- Coonara.** Salmon, pink and rose shades. 1½ ft. ¼ oz., 65c .25 2.00
- El Monte.** Deep tangerine orange. ¼ oz., 65c .25 2.00
- Gibson's Giant Orange.** ¼ oz., 85c .25 3.00
- The Empress.** Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink. ¼ oz., 70c .25 2.40
- The Emperor.** Large-flowered, orange, long-stemmed. ¼ oz., 70c .25 2.40
- Gartford Giant Art Shades.** This new Art Shades mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades. ¼ oz., \$1.10 .35 4.00
- Red Cardinal.** 12 in. Brilliant cardinal red. ⅛ oz., 80c .25
- Sanford's Giant Hybrids.** The flowers are 2½ to 3 inches in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering. 2 ft. ¼ oz., 65c .25 2.20
- Gartref New Hybrids.** Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. ¼ oz., 65c .25 2.00
- Vaughan's Special Mixture of Iceland Poppies,** containing every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 80c .25 2.65

## ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

- Oriente (Oriental Poppy).** Scarlet. 3 ft. ¼ oz., 55c .25 1.80
- Brilliant.** Brilliant fiery red. 40 in. 35
- Beauty of Livermere.** Oxblood-red with dark blotch. ¼ oz., \$1.00 .35
- Mahony.** Maroon-crimson. 40 in. ¼ oz., \$1.00 .35
- Mrs. Perry.** Salmon-rose. ⅛ oz., 1.00 .35
- Olympia.** The flowers, when fully developed, are about 4 in. in diameter. When first opening are fully double but show a bunch of stamens as they mature. It is a brilliant rich flame overlaid with glistening golden salmon. .50
- Perry's White.** White flowers with a tinge of blush. ⅛ oz., \$1.50 .50
- Princess Victoria Louise.** Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in. ¼ oz., \$1.00 .25
- The Feltham.** Shades of scarlet, orange and apricot without the dark blotch at base of flower. 2 ft. ⅛ oz., \$1.00 .50
- New Oriental Hybrids.** From a collection of new named sorts. ¼ oz., \$1.00 .35 3.50
- Vaughan's Special Mixture.** ¼ oz., \$1.00 .35 3.50

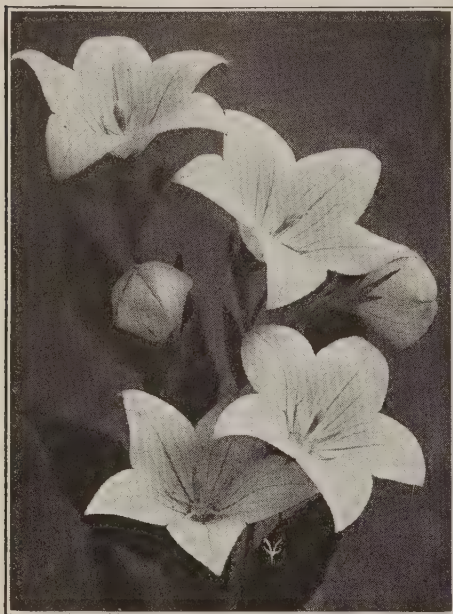


NIEREMBERGIA HIPPOMANICA

- Pentstemon.** Confertus Blue. High above the foliage are great showy blossom clusters. Effect is a brilliant blue, the tubes touched with violet. A particularly good species. ¼ oz., 80c \$0.25 \$2.80
- Digitalis.** White tinted violet. 36 in. ¼ oz., 80c .25 2.80
- Heterophyllus.** Blue Gem. X Flowers bright gentian-blue shaded with light violet. June to August, 14-18 in. ¼ oz., 80c .25 2.80
- Glaber.** Blue, 36 in. ¼ oz., 65c .25 2.20
- Grandiflorus.** Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft. ¼ oz., \$1.00 .25 3.60
- Ovatus.** A particularly fine strain. Base branching plants, with flowers carried in loose clusters well above the foliage. Blossoms of a most attractive lavender, buds a bit deeper color. Foliage is a glorious copper crimson in fall. ¼ oz., 80c .25 2.80
- Pubescens.** Violet-purple, lips white. 18 in. ⅛ oz., \$1.00 .35
- Perennial Varieties.** Mixed. ¼ oz., \$1.10 .35
- Phlox.** Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1¼ ft. ¼ oz., \$1.20 .35 4.00
- Decussata Mixed.** 2-3 ft. This special mixture comes from a superior collection of large-flowering sorts. We flowered this mixture in our nursery last summer and were greatly pleased with the size of the flowers and flower-heads and colors. Perennial Phlox do not come true from seed and can be had only in mixture. Seed germinates slowly. ¼ oz., \$1.00 .35 3.60
- Physalis Franchetti (Chinese Lantern Plant).** Large bright orange scarlet pods, useful for winter decorations. ¼ oz., 30c .15 1.00
- Gigantea.** The attractive orange-scarlet balloon seed pods are of the same color as above but are twice as large. ¼ oz., \$1.60; ⅛ oz., \$1.00 .35
- Physostegia Virginica Vivid.** (Obedient Plant). 20 in. It blooms three weeks later than the other Physostegias; the individual flowers are larger and of a deeper, more vivid pink. ¼ oz., \$1.25 .50 4.00
- Platycodon Grandiflorum.** Blue, 28 in. ¼ oz., 65c .25 2.20
- Grandiflorum.** Album. White, 28 in. ¼ oz., 45c .25 1.60
- Mixed, 28 in.** ¼ oz., 50c .25 1.80
- Album Plenum Double White.** .50
- Coeruleum Plenum Double Blue.** .50
- Praecox Gigantea.** Early-flowering blue. ¼ oz., 80c .25 2.80
- Gigantea.** Early Flowering White. ⅛ oz., 70c .35
- Mariesii.** Dark blue, dwarf. 16 in. ¼ oz., 80c .25 2.80
- Alba.** White and faint blue, dwarf. 16 in. ¼ oz., 80c .25
- Polemonium Coeruleum.** (Jacob's Ladder). Large blue flowers in loose heads. 30 in. ¼ oz., 50c .25 1.80
- Coeruleum Album.** White. 30 in. .25
- Richardsoni.** Dwarf, blue, early. 20 in. ¼ oz., 60c .25 2.00
- Reptans.** Flower sprays of china blue. Mounds of blossoms. 12 in. ¼ oz., \$1.60 .35

Rock plants are followed by X, and the heights given are of the plants when in bloom





PLATYCODON Gigantea



PYRETHRUM Roseum Double



SINGLE PYRETHRUM  
Robinson's Giant Hybrids Mixed

## Seeds of Biennials and Hardy Perennials

### Polyanthus (See Primula Veris).

<b>Potentilla Formosa</b> X Cherry-red. 12 in. . . . .	1/4 oz., 75c	\$0.25	....
Nepalensis X Miss Willmott. Bright carmine rose, 12 in. . . . .	1/4 oz., 65c	.25	....
Roxana. Brilliant salmon with darker veins, 18 in. . . . .	1/8 oz., 50c	.25	....
Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. 1/4 oz., 70c	.25	....	
Single Mixed, 26 in. . . . .	1/4 oz., 45c	.15	\$1.40

### PRIMULA

<b>Auricula.</b> X Extra Large Flowered. Mixed, 6 in. . . . .	1/8 oz., \$1.80; 1/4 oz., \$3.20	.75	....
Bullesiana Hybrids. X Fine shades of yellow, orange, apricot and carmine. May-June. 18 in. . . . .	.50	....	
Bulleyana. Flowers yellow, bud terra-cotta. . . . .	.50	....	
Cortusoides. Rose, soft wrinkled heart shaped leaves, 10 in. . . . .	.50	....	
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft. . . . .	1/16 oz., \$1.00	.50	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. . . . .	1/8 oz., \$1.00	.35	....
Japonica. X Special Strain. Mixed. 20 in. . . . .	.50	....	
Lissadell Hybrida Red Hugh. X Intense fiery red flowers produced in tiers growing to two feet in height. June. . . . .	.50	....	
Officinalis, Cowslip, yellow. 10 in. . . . .	1/4 oz., \$1.20	.35	4.00
Pulverulenta. X Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in. . . . .	1/16 oz., 80c	.35	....
Sikkimensis. Yellow. Drooping flowers. 15 in. . . . .	.50	....	
Sieboldii. A charming and decorative race of Primulas requiring light woodland conditions of partial shade and a cool leaf soil, under which conditions they increase vigorously, slight protection is desirable in very cold weather. The large rich green leaves are crinkled and scalloped and the upright stems bear a quantity of large brightly colored flowers in April and May. 9 in. They also make splendid pot-plants for the cold greenhouse. They vary from pure unmarked white, through the palest pink and deep lavender to cerise. Some have white faces backed in pink or lavender. . . . .	1/16 oz., \$1.00	.50	....
<b>Veris Kleynii.</b> Extra long heavy stems, averaging 12 inches, immense heads of 15 to 25 florets, each floret 1 to 1 1/2 inches in diameter, rich golden yellow shaded apricot. Plants average 6 large spikes each. Is also hardy outside anywhere in the U. S. A. . . . .	100 seeds, \$1.00; 250 seeds, \$2.00	....	
Giant Munstead Strain. Light shades. 1/4 oz., \$3.25	.75	....	

Rock plants are followed by X, and the heights given are of the plants when in bloom.

### PRIMULA Veris—Continued

Trade pkt. Oz.			
Monarch Mixed. Is the result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors. 1/4 oz., \$3.75	\$0.75	\$14.00	
Lutea. X Yellow. 12 in. . . . .	1/8 oz., \$1.20	.50	8.00
White. 12 in. . . . .	1/16 oz., \$1.50	.75	....
Red shades. Splendid mixture. 12 in. . . . .	1/16 oz., \$1.50	.75	....
Grandiflora. Mixed. . . . .	1/4 oz., \$3.25	.75	12.00
Mixed. . . . .	1/8 oz., \$1.20; 1/4 oz., \$2.25	.50	8.00
<b>Pfizer's Colossea Mixed.</b> The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cut flowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1 3/4 inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red. 150 seeds, 50c; 1000 seeds, \$3.00; 1/16 oz., \$3.20; 1/8 oz., \$6.00. . . . .			
Vulgaris. X True. Yellow Primrose. 6 in. 1/4 oz., \$1.70	.50	....	

### PYRETHRUM (Painted Daisies)

<b>Roseum.</b> Pink. 30 in. . . . .	1/4 oz., \$1.35	.35	4.80
Atrosanguineum. Dark red shades. . . . .	1/4 oz., \$1.70	.50	6.00
James Kelway. Deep scarlet varies. . . . .	1/8 oz., \$1.20	.50	8.00
Grandiflorum. Mixed. . . . .	1/4 oz., \$1.20	.50	4.00
Robinson's Giant Hybrids, Mixed. . . . .	1/4 oz., \$1.70	.50	6.00
Giant Dark Crimson. Single large disk-like flowers of rich crimson red, flowers freely, fine for cutting. . . . .	1/8 oz., \$1.00	.50	7.00
Double Pyrethrum. Does not produce 100% double flowers—the percentage is better the second year. . . . .			
Double Blood-red. . . . .	1/32 oz., \$2.00	1.00	....
Mixed. Extra choice. . . . .	1/4 oz., \$1.80	.50	6.00
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting. 2 ft. . . . .	1/4 oz., 50c	.25	1.80
Tchihatchewii (Turving Daisy.) White, for poor soils. . . . .	1/4 oz., 85c	.35	....
Uliginosum. Giant Daisy. White; late. 4 ft. 1/4 oz., \$1.20	.35	4.00	

<b>Ranunculus Double Camellia Flowered.</b> Mixed. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. 1/4 oz., \$1.25	.50	....	
Claremont Hybrid Sunset, Orange. . . . .	1/4 oz., \$1.70	.75	6.00
Huntsman, Red. . . . .	1/4 oz., \$1.70	.75	6.00
Hybrids, Mixed colors. . . . .	1/4 oz., \$1.40	.50	5.00
<b>Rehmannia Angulata.</b> Large Incarvillea-like flowers in rose and red shades. 24 in. . . . .	.50	....	
<b>Rock Plants.</b> Perennial Mixed. . . . .	1/4 oz., 40c	.25	1.40









VIOLA Cornuta. In Flower All Summer.

## Seeds of Biennials and Hardy Perennials

Veronica. Incana (Candida). Ageratum-blue, silvery foliage. 12 in. ....	¼ oz., \$1.00	\$0.35	....
Longifolia (Maritima). Compact clusters of blue flowers. 30 in. ....	¼ oz., \$1.10	.35	....
Spicata. Various shades. 1½ ft. ....	¼ oz., 80c	.25	\$3.00
Teucrium Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft. ....		.50	....
Perennial. Mixed. ....		.50	....

## Viola

Cornuta Apricot. Tinted orange at base. ¼ oz., \$1.35	.50	4.60
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant. ....	1/8 oz., \$1.00; ¼ oz., \$1.70	.35 6.00
Avalanche. Giant pure white. ....	¼ oz., \$1.40	.50
Bizarre. A most extraordinary coloring, the two upper petals being pure violet-purple and the lower three clear apricot. ....	1/8 oz., \$1.00	.50
Black Prince. Flowers nearly black. 8 in. ....	¼ oz., \$1.00	.35
Blue Beauty. Bright blue, early, free flowering. ....	1/8 oz., \$1.00	.50
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield. ....	¼ oz., \$1.20	.35 4.00
Blue Perfection. Light blue, large flowered. 8 in. ....	¼ oz., 80c	.35 3.00
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange. ....	1/8 oz., 80c	.50 5.50
Chinese Blue is a round-faced type of Viola such as Jersey Gem, Chantreyland, or Blue Perfection. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott. ....		.50
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering. ....	¼ oz., \$3.50; 1/8 oz., \$2.00	.50
King Henry. Rich violet blue lavender center with small yellow eye. ....		.50
Lutea Splendens. Chrome yellow. 8 in. ¼ oz., 90c		.35 3.20
Papilio. Blue and white. 6 in. ....	¼ oz., 85c	.35 3.20
Primrose Dame. Sulphur yellow. 8 in. ....		.50
Wedgwood. Wonderfully hardy and free blooming, the flowers are deep, clear Wedgwood blue, and shaped like pansies. This is one of the most charming Violas you can grow. ....	1/16 oz., \$1.50	.75
White Perfection. White. Large fld. 8 in. ¼ oz., 80c		.35 3.00

Rock Plants are followed by X, and the heights given are of the plants when in bloom.

## VIOLA CORNUTA—Continued

Trade pkt. Oz.

W. H. Woodgate. Violet-purple, large, round flowers. ....	1/8 oz., \$2.00	\$0.50	....
Yellow Gem. 6 in. Clear yellow, free flowering, close compact habit. ....	¼ oz., 85c	.35	\$3.00
Yellow Queen. Deep yellow of large size and good substance. ....		.50	....
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. ....	¼ oz., \$1.20	.35	4.00
Baby Delight. Early flowering, blooming in 70 days from seed. Makes compact bushy growth. The flower is lovely light blue, with a pleasing "face," about one inch in diameter. ¼ oz., \$1.30		.35	4.40
Mrs. A. H. Scott. 4 in. Similar in color to Beaconsfield but much brighter. An excellent rock plant. ....	¼ oz., \$1.30	.35	4.40

## Viola—Various Types

Blue Elf. 9 in. The upper petals are deep violet blue, lower petals light violet blue with gold eye and black lines radiating from center. Flowers 3/4 in. in diameter, small dark green foliage. A perennial best treated as an annual. Seed sown in March will begin blooming in June and continue to August. ....	1/16 oz., \$1.00	.50	....
Bosniaca. Free-blooming, small deep purple flowers. 4 in. ....		.50	....
Brittoniana. Large blossoms of deepest purple, long stemmed, makes upright, ornamental tufts of slashed foliage. ....		.50	....
Calcarata. A long stemmed variety. Makes dense wide cushions set above with flowers. A royal indigo with radiate pencilings but there will also be purple, cream or rare pink lilac. ....		.50	....
Florariense. Beautiful lavender. ....	1/8 oz., \$1.50	.50	....
Gracilis Lord Nelson. Violet-purple. 6 in. ....		.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow. ....	1/8 oz., 80c	.35	....
Jooi. (Jewel Violet). In full flower by early April, before its own leaves appear. It is then a cushion mound of pink lilac, hundreds of blossoms in a veritable color-turf of their own making. Usually blooms again in autumn. ....		.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers. ....	1/8 oz., \$1.00	.50	....
Saxatilis. Myriad flowers carried well over the low, spreading plants. There will be golden yellow, lemon, lavender, mauve and rosy lilac, but perhaps most plentiful are the two-tone flowers, where a mellow honey-gold shades into smoky purple-violet		.35	....

**Annual Wallflowers** with their deliciously scented flowers are a worthwhile early Spring crop when grown in a limited way. Seed sown in September and benched in due course will flower about mid-February on to April. They like rich soil and a temperature of 45 to 50 degrees.

**Wallflower.** Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within five months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft.

Canary-Yellow (Gold Standard) ....	¼ oz., 75c	.25	....
Double Annual Early Wonder, Mixed. ....	¼ oz., 55c	.25	2.00
Single Goliath. Early-flowering dark brown. 2 ft. ....		.15	.90
Parisian Forcing, mixed. 15 in. ....		.15	.65
Annual Blood-Red. ....		.10	.55
Yellow, 20 in. ....		.10	.55
Wistaria Sinensis. A beautiful Chinese climber; flowers pale lilac purple, borne on long drooping racemes. ....		.15	.40
Yucca Filamentosa (Adam's Needle). Broad, sword-like evergreen foliage, immense branching spikes of drooping creamy white flowers. ....		.25	.60



# Lilies—Bulbs From Cold Storage

## Vaughan's Shangri-La

Shangri-La lilies are of the Floridii Creole type, of the highest quality.

They come to you with live roots packed in peat moss, like Croft lilies from the Pacific coast.

Accurately checked scientific tests have shown that they produce twice the bud count of ordinary rootless Creole bulbs of comparable size, because they start growing without check, or taking time to produce new roots.

Culture is like other Creoles, growing cool to keep down their height, and for best quality. The variety is naturally early.

**6-7 inch. Per 100, \$16.00; per case of 400, \$60.00.**

### LILIUM FLORIDIUM

Bulbs of the Creole type, grown in Florida, have shown certain improvements over the Louisiana Creole lilies. At our New York branch, 47 Barclay street, New York City, a limited number of bulbs of the best type of Floridii are still on hand, and prices will be furnished in answer to inquiries mailed to that address.

**LOUISIANA CREOLE—Sold Out**

## True Lilium Harrisii

Grown for Us by One of the Most Reliable Growers

Grown in Bermuda and used mostly for early cut flowers. The flower is pure white but somewhat soft for shipping. It is an early blooming type, and the bulbs can not be cold stored for late delivery.

	F. O. B. Chicago	
	100	Case
6- 7-inch, 335 bulbs to case . . . . .	\$20.00	\$65.00
7- 9-inch, 200 bulbs to case . . . . .	35.00	65.00
8-10-inch, 150 bulbs to case . . . . .	50.00	65.00
9-11-inch, 100 bulbs to case . . . . .	. . . . .	65.00
11-13-inch, 50 bulbs to case . . . . .	. . . . .	65.00

## Various Hardy Lilies

<b>CANADENSE—Meadow Lily.</b> Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs. . . . .	Doz.	100	
Per 1000, \$75.00	\$1.25		\$ 8.00
<b>PARDALINUM—Leopard Lily.</b> Rich scarlet and yellow spotted with rich brown. Per 1000, \$115.00	1.75		12.00
<b>PHILLIPINENSE FORMOSANUM</b> — A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 foot or more, are very robust and offer great resistance to wind and weather. . . . .	2.50		18.00
<b>SUPERBUM.</b> Flowers bright orange-red thickly spotted with purple. . . . .	1.35		9.00
<b>TENUIFOLIUM</b> —The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting. . . . .	1.00		6.00
<b>UMBELLATUM</b> —Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th.			
—Mixed. Large Flowers. . . . .	1.80		13.00



SHANGRI-LA—FLORIDIUM CREOLE TYPE LILIES

### LILY FORCING

At the present time there are several kinds of lilies that will take the place of those formerly imported from Japan and used for forcing. These fall into groups both as to the flower and also culture. Creole is a lily that has been grown in the south for a number of years, but only in recent years has enough of it been forced to be able to learn much about it. Floridii and Shangri-La are types of Creole lilies requiring the same treatments and having similar growth. Croft, Coos, Kenyon Davidson (Early Western, B1), and Ace are from the west coast and are all of the same general type of the Giganteum and require similar treatment and timing for best results. Howardii is a Harrisii type and requires the cool treatment that variety has always required. Regales have been used for forcing but since it is not a white lily and better varieties are now available, its use is not much recommended at the present time. White Queen is being grown from seed but since it does not have the substance of the other varieties and requires over a year in the greenhouse, we will not discuss it here.

Because the Creole types are grown in the south and have an earlier harvesting season, they are more rapidly grown for early cut flower trade than the western lilies. They have size and substance and can be grown on long heavy stems, and have been in good demand in that work. Naturally by storage treatment they may be held for later planting. They are better grown at a cooler temperature, starting them 50° then later raising to 55°, which suits them well. They require a little more care during the early stages, as they do not make as strong root growth at the base. Since the older plantings of Creoles were not kept from mosaic, much roguing has been necessary and all stocks of it on the market may not be properly rogued. Since it spreads rapidly by aphid infestation, all stock should be kept clean and mosaic types kept away from clean types.

The west coast types require the same treatment as Giganteum, preferring 60 degrees except during that period between emergence from the soil and approximately 8 inches high, at which stage buds are normally set. The temperature should be reduced during this period in order to increase the bud count (52-55 degrees). To time them the same rules would apply that do to the gigs, and if necessary to push them, they may be handled the same way with similar results.

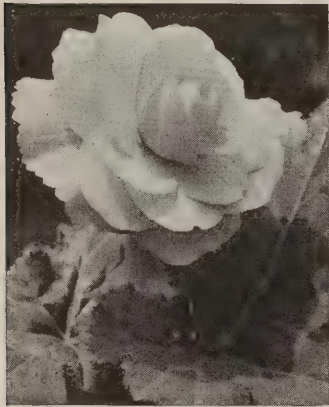
We have made many experiments with American grown lilies and have dozens more at the present time. Exact rules cannot be laid down on any of these lilies, but certain rules seem to be evident. All of these American lilies are normally heavy foliaged and good growers, so need plenty of room and light. They need a well drained and well aerated soil, and should be planted deep enough so that the feeder roots on the stem will develop properly. If they have this kind of soil they can stand some fairly nutrient levels after they are growing well, but not during the rooting stage. Avoid a high nitrate soil, particularly greenhouse bench soil that has considerable feed in it. Bud blasting may occur if nutrient levels are not balanced, if soil is not aerated or if high temperature with poor lighting is practiced. They will not root as well at cool temperatures as they will at growing temperatures. Storage treatments should be given, the amount and temperature depending upon the harvesting date, the intended forcing date and the type as well as the size. While considerable work has been done by us on this, we are carrying on extensive tests all the time, to further our knowledge on this vital point.

One final statement—we consider American grown bulbs better than any Japanese bulbs that we have had for many years, and we can continue to have them better.



# Summer Flowering Bulbs FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DOUBLE BEGONIA



ACHIMENES

## AMARYLLIS Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	
2-2½ inch.....	\$2.00	\$15.00	
2½-3 inch.....	2.75	20.00	

## ACHIMENES

This is closely related to the Gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Purple or Blue.....	\$0.50	\$3.00	\$25.00
Red.....	.65	4.50	40.00
White.....	.90	6.00	55.00
Pale Orchid.....	.65	4.50	40.00

## BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

Single Crispa, Separate Colors:

	Doz.	100	1000
Small size.....	\$1.25	\$ 8.00	\$ 75.00
Medium size.....	1.80	12.50	115.00
Large size.....	2.20	16.50	155.00

Double Camellia-flowered, Separate Colors:

Small size.....	\$1.25	\$ 8.00	\$ 75.00
Medium size.....	1.80	12.50	115.00
Large size.....	2.20	16.50	155.00

Carnation-flowered, Separate Colors:

Small size.....	\$1.25	\$ 8.00	\$ 75.00
Medium size.....	1.80	12.50	115.00
Large size.....	2.20	16.50	155.00

Narcissus-flowered.....	1.80	12.50	115.00
Pendula or Hanging Basket Type.....	1.80	12.50	115.00

## CALADIUM ESCULENTUM

(Elephant's Ear)

	Doz.	100	1000
5 to 7 inch circumference.....	\$0.60	\$ 4.00	\$35.00
7 to 9 inch circumference.....	1.10	7.00	65.00
9 to 11 inch circumference.....	1.35	9.00	85.00
11 to 12 inch circumference.....	2.50	18.00	.....
12 inch and upwards, very large.....	3.50	25.00	.....

## GLOXINIAS

	Doz.	100	1000
Small size.....	\$1.75	\$12.00	.....
Medium size.....	2.75	20.00	.....
Large size.....	4.25	27.50	.....

## APIOS Tuberosa

Splendid hardy climber. Color chocolate brown, fragrant. Doz. 100 1000  
2-4 bulbs should be planted together at a depth of 3-4 inches. Grows best in loose rich soil. \$0.90 \$6.00 \$55.00

## CALLAS ELLIOTIANA

Yellow. 2-2½ inches..... 1.80 13.00 .....

## CINNAMON VINE

Well-known hardy climber; quick grower..... .60 4.00 35.00

## CHLIDANTHUS

Chlidanthus Fragrans (The Gold Flower). Produces clusters of from two to four golden yellow, trumpet-shaped flowers that are delicately fragrant. Handle in the same manner as gladioli..... .80 5.50 50.00

## HYACINTHUS CANDICANS

Summer Hyacinth. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high. Doz. 100 1000  
1½ to 2 inch..... \$0.55 \$3.50 \$30.00  
2 inch and up..... .90 6.00 55.00

## ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy.. 1.65 11.00 .....

## LILIUM REGALE

White with a pink tinge on outer edges. 6 to 7 inches.. 1.50 10.00 .....

## MADEIRA VINE

One of the best and most popular climbers for foliage effect. Doz. 100 1000  
2 to 3 inch..... .55 3.50 30.00  
3 inch and up..... .65 4.50 40.00

## MILLA BIFLORA

Stars. Showy white flowers, two inches in diameter, with six petals not quite separated. The stems are wiry, 12 to 18 inches tall. Very free blooming from July to September. Flowers cut well and have a pleasant Lily-like fragrance. Should be dug in fall, except in milder climates..... 1.00 6.50 60.00

## MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. They do best in a light loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply. Doz. 100 1000  
Special Mixed..... \$0.55 \$3.50 \$30.00

Earlham Large-Flowered Hybrids. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 inches..... .90 6.00 55.00

## OXALIS

Summer-Flowering. Useful little plants, very effective in masses or beds and particularly valuable for edgings. They produce an unbroken row of foliage about one foot high in continuous bloom. Very fine to grow in hanging baskets indoors. The colors are white, red, pink..... 1.75 15.00

## SPREKELIA

Formosissima (Jacobean Lily). Closely allied to the Amaryllis, bearing showy brilliant crimson flowers. Dormant bulbs planted in the border early in May will flower within 3 or 4 weeks after planting, or they may be flowered as pot plants in the house during the early spring months..... 1.80 13.00 .....

## TIGRIDIA

Shell Flower of Mexico. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb. Doz. 100 1000  
Separate Colors..... \$0.90 \$6.00 \$55.00  
Mixed..... .75 5.00 45.00

## TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type. Doz. 100 1000  
Dwarf Excelsior Pearl (First size, 4 to 6 inch..... \$4.50 \$37.50  
(Second size, 3 to 4 inch..... 2.00 18.00  
Mexican..... 2.75 22.50

## ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	Doz.	100	1000
Candida White.....	\$0.35	\$2.00	\$18.00
Rosea Pink.....	.60	4.00	35.00





PALM SPRINGS



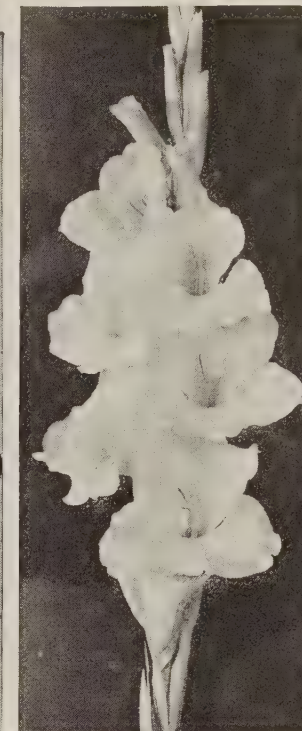
COMMANDER KOEHL



MINUET



DR. BENNETT



MAID OF ORLEANS

# Vaughan's Glorious Gladioli

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

IF SECOND SIZE Bulbs are wanted, deduct 20% from prices below except where noted.

	100	1000
ALBATROSS. Clear white. First size.....	\$2.00	\$15.00
Second size.....	1.80	13.00
AVE MARIA. Medium blue.....	2.50	20.00
BAGDAD. Smoky old rose. First size.....	1.80	13.00
Second size.....	1.50	10.00
BEACON. Salmon-scarlet. First size.....	3.00	25.00
Second size.....	2.50	22.00
BERTY SNOW. Lavender pink. First size....	1.75	12.00
Second size.....	1.50	10.00
BETTY NUTHALL. Pink suffused orange. First size.....	1.75	12.00
Second size.....	1.50	10.00
BILL SOWDEN. Large deep blood red.....	2.50	20.00
BOB WHITE. Pure white. First size.....	2.00	15.00
Second size.....	1.70	12.00
BREAK O' DAY. Soft La France pink. First size.	1.60	11.00
Second size.....	1.35	9.00
CACTUS ROSE. Rich velvety purplish red. First size.....	2.00	15.00
Second size.....	1.75	12.00
CADILLAC. Tall spike, flowers well placed and of good form. Color golden apricot fading to apricot-rose toward edge of petals, no throat markings, stamens and pistils creamy white. First size..	2.30	18.00
Second size.....	2.00	15.00
CHARLES DICKENS. Violet purple. First size.	2.10	16.00
Second size.....	1.80	13.00
CHICAGO, WHITE. First size.....	1.75	12.00
Second size.....	1.50	10.00
COMMANDER KOEHL. Dark scarlet. First size.	2.20	17.00
Second size.....	2.00	15.00
DEBONAIR. La France pink. First size.....	1.75	12.00
Second size.....	1.50	10.00
DREAM OF BEAUTY. Rose-red. First size....	2.00	15.00
Second size.....	1.75	12.00

	100	1000
DR. F. E. BENNETT. Gigantic red. First size ...	\$2.00	\$15.00
Second size.....	1.75	12.50
DR. MOODY. Light lavender.....	1.90	14.00
DUNA. Soft light pink. First size.....	1.90	14.00
Second size.....	1.60	11.00
EDITH MASON. Pure pink. First size.....	2.10	16.00
Second size.....	1.80	13.00
FLAMING SWORD. Scarlet, early. First size...	1.75	12.00
Second size.....	1.50	10.00
FAIREST PEARL. Pure white. First size.....	2.00	15.00
Second size.....	1.80	13.00
GIANT NYMPH. Large La France pink. First size.	1.75	12.00
Second size.....	1.50	10.00
GOLD EAGLE. Tall, deep yellow. First size....	1.60	11.00
Second size.....	1.35	9.00
GOLDEN DREAM. Clear, deep yellow. First size.	1.75	12.00
Second size.....	1.50	10.00
HOPI. Bright maroon, dark blotch. Better than Anna Eberius. First size.....	2.00	15.00
Second size.....	1.75	12.00
J. S. BACH. Salmon-pink. First size.....	3.00	25.00
Second size.....	2.50	20.00
KALAMAZOO. Violet purple. First size.....	2.10	16.00
Second size.....	1.80	13.00
KING ARTHUR. Beautiful ruffled mauve.....	2.30	18.00
LOS ANGELES. (Prim.) Bright pink. First size..	1.60	11.00
Second size.....	1.35	9.00
MAID OF ORLEANS. Milky white, cream throat. First size.....	2.00	15.00
Second size.....	1.75	12.50
MAMMOTH WHITE. Pure white. First size..	2.10	16.00
Second size.....	1.80	13.00
MARGARET FULTON. Rose-salmon. First size	1.70	12.00
Second size.....	1.50	10.00
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat. First size.....	2.20	17.00
Second size.....	1.90	14.00





PICARDY



MARGARET FULTON



DEBONAIR



SHIRLEY TEMPLE

GLADIOLI—Continued	100	1000
MINUET. Large, light lavender. <b>First size</b> .....	\$2.20	\$17.00
<b>Second size</b> .....	2.00	15.00
MISS BLOOMINGTON. Deep lemon-yellow.		
<b>First size</b> .....	2.00	15.00
<b>Second size</b> .....	1.70	12.50
MOTHER MACHREE. Smoky lavender.....	3.00	25.00
MRS. F. L. KARCHER. Light salmon blending to orange. <b>First size</b> .....	2.00	15.00
<b>Second size</b> .....	1.75	12.00
MRS. FRANCIS KING. Vermilion. <b>First size</b> ....	2.30	18.00
<b>Second size</b> .....	2.00	15.00
MRS. T. J. KNUDSON. Clear light violet, shading deeper towards the outer edge of petals. The throat has a deep violet plume, tipped or capped by a characteristic bright creamy spire, giving it a very striking effect. <b>First size</b> .....	2.30	18.00
<b>Second size</b> .....	1.90	14.00
MRS. P. W. SISSON. Immense ruffled pink.		
<b>First size</b> .....	1.75	12.00
<b>Second size</b> .....	1.50	10.00
MRS. E. J. HEATON. Strawberry-pink. <b>First size</b> .....	2.50	20.00
<b>Second size</b> .....	2.10	16.00
ORANGE QUEEN. (Prim.) Large, orange. <b>First size</b>	1.75	12.00
<b>Second size</b> .....	1.50	10.00
PALM SPRINGS. Soft orange-buff. <b>First size</b> ..	2.00	15.00
<b>Second size</b> .....	1.75	12.00
PEGGY LOU. Shrimp pink. <b>First size</b> .....	2.50	20.00
<b>Second size</b> .....	2.00	17.50
PELEGRINA. Deep blue. <b>First size</b> .....	2.20	17.00
<b>Second size</b> .....	2.00	15.00
PFITZER'S TRIUMPH. Salmon-red.....	2.50	20.00
PICARDY. Delicate apricot pink. <b>First size</b> ....	1.75	12.00
<b>Second size</b> .....	1.50	10.00
<b>Third size</b> .....	1.00	7.00
QUEEN HELEN. Grenadine Pink. <b>First size</b> ...	1.80	13.00
<b>Second size</b> .....	1.50	10.00
RED LORY. Large red, purplish blotch.....	2.10	16.00
RED PHIPPS. Really a pink overlaid scarlet.		
<b>First size</b> .....	2.10	16.00
<b>Second size</b> .....	1.80	13.00

	100	1000
ROYAL OAK. Primrose yellow. <b>First size</b> .....	\$2.10	\$16.00
<b>Second size</b> .....	1.80	13.00
SHIRLEY TEMPLE. Large ruffled cream white.		
<b>First size</b> .....	2.30	18.00
<b>Second size</b> .....	1.90	14.00
SONATINE. Light pink, red blotch.....	2.00	15.00
SOUVENIR. (Prim.) Daffodil yellow. <b>First size</b> ..	1.50	10.00
<b>Second size</b> .....	1.35	8.00
STAR OF BETHLEHEM. Pure white. <b>First size</b>	2.30	18.00
<b>Second size</b> .....	2.00	15.00
VAGABOND PRINCE. Mahogany brown with flame blotch. <b>First size</b> .....	2.50	20.00
<b>Second size</b> .....	2.20	17.00
VREDENBURGH. Pure white. <b>First size</b> .....	3.50	30.00
<b>Second size</b> .....	3.00	25.00
VIRGINIA. Scarlet. <b>First size</b> .....	1.90	14.00
<b>Second size</b> .....	1.60	11.00
WASAGA. Clear apricot, buff throat. <b>First size</b> .	1.80	13.00
<b>Second size</b> .....	1.50	10.00
WHITE TRIUMPHATOR.....	2.00	15.00
W. H. PHIPPS. La France pink. <b>First size</b> .....	1.90	14.00
<b>Second size</b> .....	1.50	10.00
WURTEMBERGIA. Dazzling large light red, cream throat. <b>First size</b> .....	2.20	17.00
<b>Second size</b> .....	1.90	14.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. <b>First size</b> .....	1.35	9.00
<b>Second size</b> .....	1.10	7.00

**EXTRA FINE MIXTURE**

	100	1000
A mixture of fine, popular, higher priced varieties, containing a fine range of colors. <b>First size</b> .....	\$ 1.70	\$12.00
<b>Second size</b> .....	1.50	10.00

**DE LUXE MIXTURE**

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. <b>First size</b> .....	2.50	20.00
<b>Second size</b> .....	2.10	16.00
PRIMULINUS HYBRIDS. Mixed.....	1.60	11.00



# Perennial Plant Specialties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 10; 5 or more at the 10 rate; 25 or more at the 100 rate.



CHRYSANTHEMUM Chiffon

## CHRYSANTHEMUM SHASTA DAISY

**Giant Double.** A selected strain of double Shasta Daisies. Contains many large full-double, semi-double, also frilled types. 2 1/4-inch pots, 10, \$1.75; 100, \$12.00.

**Chiffon.** Distinctly different from other types and remains true in habit of growth and bloom. Rapid grower, blooms perpetually, semi-double flowers 1 1/2 inch diameter on 2 ft. stems with many fringed and lacinated petals. Good cut flower. 2 1/4-inch pots, 10, \$2.00; 100, \$15.00.

## HARDY ASTERS

**Frikarti (Wonder of Stafa).** Amellus type, blooming from late August till heavy frost. Many large sky-blue flowers on plants 24 in. high. 2 1/4-inch pots, 10, \$3.00; 100, \$25.00.

**Skylands Queen.** 3 ft. Pale blue. Largest flowers and heaviest bloomer of all. 10, \$2.25; 100, \$18.00.

**Harrington's Pink.** First true pink hardy Michaelmas daisy. Large flowers of luminous salmon pink on bushy plants. 3 ft. tall. 10 \$2.25; 100, \$18.00.

**Mount Everest.** Large pure white blooms with yellow central disc. Bushy growth 3 ft. tall. Conceded the best white aster. 10, \$2.25; 100, \$18.00.

## NEW BUDDLEIA

**Charming.** Long sprays of lavender pink, blooms from August till frost. An ideal cut-flower for summer work. 2 1/4-inch pots, 10, \$2.00; 100, \$15.00.

**Royal Red.** Sensational new red. 2 1/4-inch pots, 10, \$3.00; 100, \$25.00.

## BUDDLEIA

**Dubonnet.** The new Dubonnet wine shade. 2 1/4-inch pots, 10, \$2.00; 100, \$15.00.

**Hartwegi.** Bright lilac of good growth. Profuse bloomer. 2 1/4-inch pots, 10, \$1.75; 100, \$12.00.

## DELPHINIUM

**Pacific Hybrids.** Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display.

**Mixed Blue or Pure White.** Field grown, 10, \$2.25; 100, \$18.00; 2 1/4-inch pots, 10, \$1.25; 100, \$8.00.

**Lamartine.** Much superior to Indigo. Tall vigorous plant, many spikes of large indigo blue. 10, \$1.50; 100, \$10.00.

**Improved Belladonna.** Best cut flower variety. Pale turquoise blue. Good for forcing. 10, \$1.50; 100, \$10.00.

Flowers to maintain morale are urged by Defense Authorities. Be ready to supply them, when the planting season begins.

## EUPATORIUM (Hardy Ageratum)

**Coelestinum.** 2 ft. Aug.-Oct. Grows into large bushes with abundant lavender flower-heads like Ageratum. Excellent cut flower. 10, \$1.50; 100, \$10.00.

## FUNKIA (Day Lily)

**Variegata.** Well known variety with green and white variegated foliage. Good for forcing in pots. Strong field grown. 10, \$1.75; 100, \$12.00.

## GYPSOPHILA PANICULATA

**Bristol Fairy (Double Baby's Breath).** Blooms much earlier than Paniculata fl. pl. and produces a second crop of spikes after the first have been cut. Grafted plants:—3-inch pots, 10, \$2.00; 100, \$15.00. Field grown, 10, \$2.50; 100, \$20.00.

**Flamingo.** New Pink similar to Bristol Fairy. 10, \$3.50; 100, \$30.00.

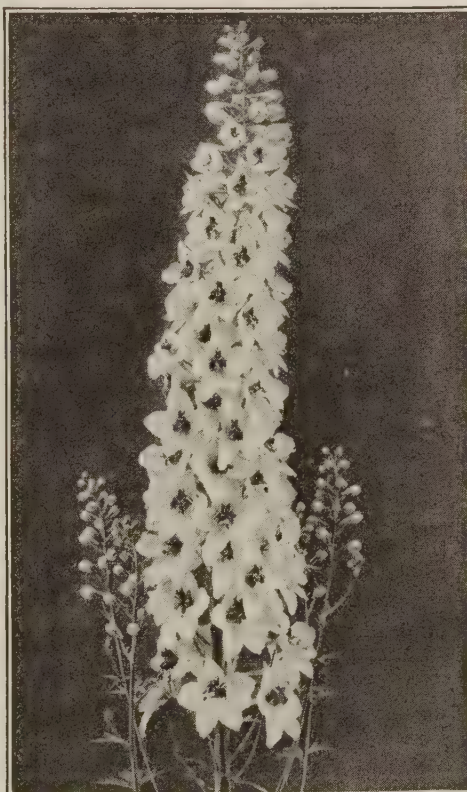
## HELIANTHUS

**Helianthus Multiflorus Plenus.** Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, \$1.75; 100, \$12.00.

**Heliopsis Double Lemoine.** Large semi-double orange yellow flowers, from July till frost. 10, \$1.75; 100, \$12.00.

## LUPINS

**Russell Hybrids.** Remarkable new strain, wide range of colors. Field grown. 10, \$2.00; 100, \$15.



DELPHINIUM Pacific Hybrids

## WORLD'S BEST DELPHINIUMS

**Pacific Hybrids.** Originating in California, this new strain is a persistent bloomer producing large double flowers on heavy stems. We offer well established pot plants of following named varieties: **Black Knight**, darkest of all. **Blue Jay**, dark blue, dark bee. **Galahad**, pure white. **Guinevere**, lavender-pink, white bee. **Summer Skies**, light blue, white bee. 2 1/4-inch pots, 10, \$1.50; 100, \$10.00.



DICENTRA (Bleeding Heart)

## DICENTRA (Bleeding Heart)

**Spectabilis.** Valuable plant for shady positions also much used for forcing. Strong 5 to 8-eye roots. 10, \$2.50; 100, \$20.00.

## PLUMBAGO (Leadwort)

**Larpetae.** Low growing, brilliant sky blue flowers continuously from July till frost. 2 1/4-inch pots. 10, \$1.75; 100, \$12.00.

## JAPANESE BURNET

**Poterium Obtusum.** A rare perennial, showy and hardy. Graceful pinnate foliage, ornamental red blooms resembling giant catkins in July. 2 ft. Field grown roots. 10, \$1.50; 100, \$10.00.

## RUDBECKIA

**The King.** Great improvement over the ordinary cone flower. Handsome bright pink blooms from July till frost, lasting a long time on the plants or when cut. Very ornamental and a good cut flower. 10, \$2.25; 100, \$18.00.

## SALVIA

**Pitcheri Meadow Sage.** 3 1/2 ft. Sept.-Oct. Deep blue. A great improvement over Azarea; blooms three weeks later. 10, \$1.75; 100, \$12.00.

## TRITOMA

**Pfitzeri (Red Hot Poker).** Ideal cut flower. Scarlet orange blooms in September and October. 10, \$1.75; 100, \$12.00.

## VINCA Minor (Grave Myrtle)

**Bowles Variety.** A new European form, larger and glossier leaves and flowers. The plant stays in bloom much longer and the flowers are a charming intense shade of periwinkle blue. 10, \$1.50; 100, \$10.00.

## VIOLET

**Double Russian** Most popular garden violet and still relatively scarce. Very fragrant, winter blooming and perfectly hardy. 2 1/2-inch pots, 10, \$2.00; 100, \$15.00.

**Frey's Fragrant.** Large single fragrant purple, long stems. Good for outdoors or forcing under glass. 10, \$1.50; 100, \$10.00.



# General List of Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. No orders filled for less than 5, except as noted. Varieties marked X are Rock plants.

	10	100
ACHILLEA <i>Crimson Beauty</i> . Light crimson. 2 ft. June-Sept..	\$1.50	\$10.00
Perry's White. Double white. 1½ ft.....	1.50	10.00
ALYSSUM <i>Saxatile Compactum</i> . X. Yellow. 1 ft. May.....	1.50	10.00
ANEMONE <i>Japonica</i> . Alba. Single white.....	1.50	10.00
Hupehensis. Rose-pink.....	1.50	10.00
Queen Charlotte. La France pink, semi-double.....	1.50	10.00
Whirlwind. Excellent double white.....	1.50	10.00
ANTHEMIS <i>Perry's Variety</i> . Yellow. 2 ft. All summer.....	1.50	10.00
Moonlight. Pale yellow. 2 ft. All summer.....	1.50	10.00
ANCHUSA <i>Myosotidiflora</i> . X. Blue. 1 ft. April.....	1.75	12.00

## AQUILEGIA (Columbine)

Mrs. Scott Elliott. Long Spurred Mixture. 2½ ft. June.....	1.50	10.00
ARTEMISIA <i>Silver King</i> . Silvery foliage. 3 ft. Valuable as dried flower.....	1.75	12.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.....	1.75	12.00
ASCLEPIAS <i>Tuberosa</i> . Orange. 2 ft. July-Aug.....	1.50	10.00
ASTER <i>Beechwood Challenger</i> . Best and darkest red. 2½ ft.	2.25	18.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct.....	1.75	12.00
Harringtons Pink. True pink.....	2.25	18.00
Mount Everest. White. 3 ft. Sept.....	2.25	18.00
Palmyra. Hardy semi-double. Pure pink.....	2.50	20.00
Red Rover. Rosy red. 3 ft. Sept.....	2.25	18.00
Skylands Queen. New. Clear blue. 3 ft. September.....	2.25	18.00
Wartburg Star. X. Lavender blue. 6 in. May.....	2.00	15.00

## NEW DWARF VARIETIES

Countess of Dudley. Clear pink. 12 in. Sept.....	2.00	15.00
Niobe. Pure white. 6 in. Sept.....	2.00	15.00
Victor. Lavender blue. 8 in. Sept.....	2.00	15.00
Snowsprite. X. White. 6 in. Sept.....	2.00	15.00
BUDDLEIA ★ <i>Charming</i> . New pink variety, fast growing, large blossoms.....	2.00	15.00
Dubonnet. Dubonnet wine color. July-Sept. 2¼-in. pot plants.	2.00	15.00
Ile de France. (New.) Dark purple. 4 ft. July-Sept. 2¼ in. pot plants.....	1.75	12.00
Hartwegi. Bright rose lavender.....	1.75	12.00

## CAMPANULA

CAMPANULA <i>Calycanthema</i> (Canterbury Bells, Cup and Saucer). Blue. 3 ft. July.....	1.50	10.00
Calycanthema. Pink. 3 ft. July.....	1.50	10.00
Calycanthema. White. 3 ft. July.....	1.50	10.00
Medium (Canterbury Bells). Blue. 3 in. June-July.....	1.50	10.00
Mixed. 3 ft. June-July.....	1.50	10.00
Rose. 3 ft. June-July.....	1.50	10.00
White. 3 ft. June-July.....	1.50	10.00

CARNATION <i>Grenadin</i> . 1 ft. July. Pink, yellow, red and white. These are all selected double.....	1.75	12.00
CENTAUREA <i>Montana</i> . Blue. 2 ft. June-Sept.....	1.50	10.00
CHRYSANTHEMUM		
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty.....	2.00	15.00
Giant Double. Selected strain. 2½ ft. All summer.....	1.75	12.00
Hartje and Elder. White. ½ ft. Earliest to bloom.....	1.50	10.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.....	1.50	10.00
COREOPSIS <i>Grandiflora</i> fl. pl. Double yellow. 2½ ft. June-Aug.....	1.75	12.00

## DELPHINIUM (Perennial Larkspur)

DELPHINIUM <i>Belladonna Improved</i> . Light blue. 4 ft. All summer.....	1.50	10.00
Bellamosum Improved. Sparkling blue. 4 ft. All summer.	1.50	10.00
Chinese Blue Mirror. Navy blue.....	1.50	10.00
Lamartine. Deep blue, white eye. 4 ft. July-Oct.....	1.50	10.00
Pacific Hybrids. (Vetterle and Reinelt.) World's best Delphinium. Blue Shades. 5 ft. All summer.....	2.25	18.00
White.....	2.25	18.00
★Mixed Blue or White. Field grown.....	2.25	18.00
★Named Varieties. Black Knight, Blue Jay, Cameliard, Galahad (White), Guinevere, King Arthur, Lancelot, Summer Skies. 2¼-in. pot plants.....	1.50	10.00

## DIANTHUS

Barbatus (Sweet William) <i>Vaughan's Special Mixture</i> ....	1.25	8.00
Beatrix. X. Salmon pink. Double. 10 in. All summer.....	1.75	12.00
Crimson King. Crimson. Very double. 2 ft. All summer....	2.00	15.00
Silver Mine. Double white Beatrix.....	2.50	20.00
Plumarius		
Vaughan's Special Mixture. X. Plumarius types.....	1.25	8.00
Little Joe X Crimson. 3 in. high. A fine disease-resistant novelty that does bloom from spring to frost.....	1.75	12.00
DICENTRA <i>Spectabilis</i> (Bleeding Heart).....	2.50	20.00
DICTAMNUS <i>Fraxinella</i> . Deep pink. 3 ft. June-July.....	2.25	18.00
Albus. White. 3 ft. June-July.....	2.25	18.00



GYPSOPHILA

	10	100
DIGITALIS <i>Gloxiniaeflora</i> (Foxglove) Pink. 3 ft. June-July..	\$1.50	\$10.00
Purple. 3 ft. June-July.....	1.50	10.00
White. 3 ft. June-July.....	1.50	10.00
Shirley Hybrids. Mixed colors. 5 ft. June-July.....	1.50	10.00
EUPATORIUM <i>Coelestinum</i> . Blue. 2 ft. Aug.-Oct.....	1.50	10.00
FOXGLOVE, See DIGITALIS.		
FUNKIA <i>Coerulea Lanceolata</i> . Mauve. 1½ ft. July.....	1.25	8.00
Japonica Aurea Marginata. Mauve. 1 ft. July.....	1.25	8.00
Subcordata Grandiflora. X. 1½ ft. White. August.....	2.50	20.00
Undulata Variegata.....	1.75	12.00
GAILLARDIA		
Burgundy. Wine-red. 2 ft. All summer.....	1.75	12.00
Mr. Sherbrook. Golden Yellow.....	2.00	15.00
New Hybrids. Mixed colors. 2 ft. All summer.....	1.50	10.00
GEUM, <i>Lady Stratheden</i> . X. Golden. 1½ ft. All summer....	1.75	12.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer.....	1.75	12.00
Fire Opal. X. 3 in. Rich Scarlet with Orange sheen.....	1.75	12.00
GYPSOPHILA <i>Bristol Fairy</i> . Double white. 3 ft. July-Sept. 3 in pots.....	2.00	15.00
Bodgeri. X. Double white. 1 ft. All summer.....	1.50	12.00
Flamingo. Double pink companion to Bristol Fairy. Spring crop light color.....	3.50	30.00
Oldhamiana. White tinted pink.....	1.75	12.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer..	1.75	12.00
HARDY FERNS. Mixed.....	1.75	12.00
Paniculata. White. 3 ft. June-July.....	1.25	8.00
HELENIUM <i>Riverton Beauty</i> . Gold. 4 ft. Sept.-Oct.....	1.75	12.00
Riverton Gem. Gold suffused terra cotta changing to wall-flower red.....	1.75	12.00

## HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS <i>Aureole</i> . Deep orange-yellow with bronze reverse. 2 ft. May-June.....	1.00	6.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June.....	1.00	6.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.....	1.00	6.00
Thunbergi. Golden yellow. 3 ft. July.....	1.00	6.00
NEW HYBRID HEMEROCALLIS		
Calyppo. Pale lemon. July-Aug.....	2.00	15.00
Cinnabar. Bronzy red suffused gold. June.....	3.50	30.00
Citrina. Light yellow. July.....	2.00	15.00
Hyperion. Vigorous citron-yellow. July-Aug.....	3.50	30.00
Margaret Perry. Scarlet orange, suffused yellow. July.....	3.50	30.00
Mikado. Orange, maroon blotches. June.....	3.50	30.00
Ophir. Giant. Golden yellow. July.....	3.00	25.00
The Gem. Medium golden flowers. June-July.....	2.00	15.00

No orders less than five. All varieties followed by X are suitable for rock gardens.

We are able to furnish many items which we are unable to list here. Please ask for quotation on your perennial requirements.



# Hardy Perennial Plants—Continued

	10	100
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.....	\$1.75	\$12.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower.....	1.75	12.00
Golden Rays. (Scabra Patula). Beautiful orange yellow novelty. Three rows of pointed, incised petals, large flat flowers.....	2.50	20.00
HEUCHERA. Hoodacre Hybrids. Large flowers. Nice color range.....	2.00	15.00
Hybrids. Mixture. A very good selection.....	2.00	15.00
HIBISCUS (Mallow Marvels). Red, White or Pink. 5 ft.....	1.50	10.00
HOLLYHOCK. Double white; double pink; double salmon; double yellow; double maroon and double red or mixed....	1.50	10.00
HOSTA, see FUNKIA.		
LIATRIS. September Glory. New. Rosy purple. 4 ft. Sept..	2.00	15.00
LINUM Perenne. X. Blue. 1½ ft. May-Aug.....	1.50	10.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.....	1.75	12.00
LUPIN. Russell Hybrids. Best hybrid mixture. June-Aug....	2.00	15.00
LYCHNIS Chalcedonica. Scarlet. 2 ft. July.....	1.50	10.00
MERTENSIA Virginica. X. Light blue. 1½ ft. April-May....	1.50	10.00
MINT. Useful herb. Spearmint flavor.....	1.50	10.00
MONARDA Didyma. Red. 3 ft. July-Aug.....	2.00	15.00
Rosalie. Soft clear pink novelty.....	2.00	15.00
MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in.....	1.50	10.00
PACHYSANDRA Terminalis. X. White. 3 in. May.....	.80	6.50
PAPAVER Oriental (Beauty of Livermore). Dark red. 3 ft. May-June.....	2.00	15.00
Jeannie Mawson. Geranium pink. 3 ft. May-June.....	2.25	18.00
Joyce. Cherry red. 3 ft. May-June.....	1.75	12.00
Mrs. Perry. Pink. 3 ft. May-June.....	1.75	12.00
Olympia. Double orange scarlet. 3 ft. May-June.....	1.75	12.00
Perry's White. Satiny white, dark center blotch. 3 ft. June..	2.25	18.00
Royal Scarlet. 3 ft. May-June.....	1.75	12.00
Salmon Glow. Fine double salmon orange.....	3.50	30.00
PENSTEMON Garnet. Rich red. 1½ ft. All summer.....	2.50	18.00
PLATYCODON Grandiflora Blue. 2 ft. All summer.....	1.50	10.00
Alba. White. 2 ft. All summer.....	1.50	10.00
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer..	1.75	12.00
POTERIUM Obtusum. 3 ft. Crimson catkins on graceful stems	1.50	10.00
PRIMULA Veris (Hardy Primrose). X. Mixed colors. 6 in. April-May.....	1.75	12.00
Veris Kleynii. X. Large deep yellow. 8 in. April-May.....	2.00	15.00
Auricula. X. Mixed colors. 6 in. April-May.....	2.00	15.00
PYRETHRUM Roseum. James Kelway. Red. 2 ft. May-June	2.00	15.00
Roseum, Hybrid Mixture. 2 ft. May-June.....	1.50	10.00
RANUNCULUS Acris Fl. Pl. Yellow. 2 ft. April-May.....	1.50	10.00
ROSA Rouletti. X. Miniature bush. Rose pink. 8 in. All summer.....	2.00	15.00
RUDBECKIA Laciniata Fl. Pl. (Golden Glow). July-Aug.....	1.50	10.00
The King. Rosy blooms, brown central disc. 3 ft. July-Oct..	2.25	18.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.....	1.50	10.00
Officialis. Sage for seasoning.....	1.75	12.00
Pitcheri. Deep blue. 4 ft. Aug.-Sept.....	1.75	12.00
SCABIOSA Caucasic Perfecta. Light blue. 18 in. June-Oct..	1.75	12.00

## SEDUM

SEDUM Acre. X. (Golden Moss). Yellow. 2 in. May-July....	1.50	10.00
Album. X. White. 2 in. May-July.....	1.50	10.00
Spectabile. Pink. 1½ ft. Aug.-Sept.....	1.75	12.00
Spectabile Brilliant. Dark pink. 1½ ft. Aug.-Sept.....	1.75	12.00
Spurium. X. Pink flowers, red foliage. 6 in. July-Aug.....	1.50	10.00
SHASTA DAISY. See Chrysanthemum maximum.....		
STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug.-Sept....	1.75	12.00
STOKESIA Cyanea. Sky-blue. 1 ft. Aug.-Sept.....	1.50	10.00
Blue Moon. New. Light blue. 1½ ft. All summer.....	2.25	18.00
TARRAGON, TRUE (Artemisia Dracunculus).....	1.75	12.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June.....	1.25	8.00
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug.-Oct.....	1.75	12.00
TROLLIUS Golden Queen. Light orange. 3 ft. Spring and Fall	2.25	18.00
Gold Quelle. Deep orange. 3 ft. June-July.....	2.25	18.00
Ledebouri. Late. Orange.....	2.25	18.00
New Hybrids. Orange and yellow shades. 2 ft. May-July....	2.25	18.00
VERONICA. Longifolia Subsessilis. Deep blue. 2 ft. July-Aug.	2.00	15.00
VINCA Minor. (Grave Myrtle.) X. Blue. Pot plants.....	1.25	9.00
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall.....	1.50	10.00
VIOLET Dbl. Russian. X. Hardy double blue. Very fine....	2.00	15.00
Frey's Fragrant. X. Single purple. 6 in. May.....	1.50	10.00
Prince of Wales. X. Single, purple-violet. 6 in. May.....	1.50	10.00
Rosina. X. Pink, sweet scented. 4 in. April-May.....	2.00	15.00
YUCCA Filamentosa. White. 6 ft. July.....	1.50	10.00



PHLOX, E. FARRINGTON

# Hardy Phlox

## PHLOX DECUSSATA

	10	100
Aida. Deep rich purple.....	\$2.00	\$15.00
Africa. Carmine red with darker eye.....	1.50	10.00
Augusta (Patented). Brilliant cherry-red.....	3.00	18.00
B. Comte. Amaranth purple.....	1.50	10.00
Border Queen. Dwarf, watermelon pink.....	1.75	12.00
Bridesmaid. White, bright red eye.....	1.50	10.00
Champs Elysees. Fine dark purple.....	1.50	10.00
Columbia. (Patented). Cameo pink, faint blue eye.....	3.00	15.00
Daily Sketch. New. Immense salmon-pink, crimson eye....	1.75	12.00
E. Farrington. New. Soft salmon-pink, with lighter eye....	1.50	10.00
Enchantress. Bright salmon-pink.....	1.50	10.00
Feuerbrand. Large bright scarlet. Tall.....	1.75	12.00
Harvest Fire. New. Glowing flame scarlet.....	2.25	18.00
Leo Schlageter. New. Flame or orange scarlet.....	2.00	15.00
Lillian. Cameo pink, lighter center.....	1.50	10.00
Mary Louise. White.....	2.25	18.00
Miss Lingard (Suffruticosa). Earliest to bloom. White....	1.75	12.00
Miss Von Lassberg. Tall white.....	1.50	10.00
Painted Lady. Soft silvery pink, dark red eye.....	1.50	10.00
San Antonio. Carmine red, shaded plum red.....	1.75	12.00
Sweetheart. Beautiful deep salmon pink. Excellent new variety.....	2.25	18.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best.....	1.50	10.00
Von Hochberg. Deep blood-red.....	2.00	15.00
Mixed. Varieties with labels lost. Very good stock.....	1.25	8.00

## DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Amoena. Rosy lilac blooms. May-June.....	\$1.50	\$10.00
Divaricata Canadensis. X. Lavender blue. 10 in. April-May..	1.50	10.00
Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy Thrift. Rosy red. 1 in. diameter.....	2.50	20.00
Subulata Alba. White. 4 in. April-May.....	1.50	10.00
Atro-purpurea. Reddish purple. Compact. 4 in. Apr.-May..	1.75	12.00
Mrs. G. F. Wilson. Lavender, 4 in. April-May.....	1.75	12.00
Rosea. Rose-pink. 4 in. April-May.....	1.50	10.00
Pink Cushion. X. Compact, free flowering form. 3 in.....	1.50	10.00
Vivid. X. Dark salmon pink. 3 in. Spring.....	1.75	12.00

No less than five. All varieties followed by X are suitable for rock gardens.

We are able to furnish many items which we are unable to list here. Please ask for quotation on your perennial requirements.



# CARNATION — Rooted Cuttings

ORDER EARLY

## WHITE

	Per 100	Per 1000
Gardenia.....	\$8.00	\$75.00
Olivette.....	8.00	75.00
Patrician.....	6.00	55.00
Puritan.....	6.00	55.00
White Maytime.....	7.50	65.00
White Peter Fisher.....	8.00	70.00

## LIGHT AND SALMON PINK

*Charm.....	20.00	150.00
Eleanor.....	6.00	50.00
Giant Laddie.....	9.00	80.00
Hercules Virginia.....	15.00	125.00
Hermosa.....	7.00	60.00
*Light Pink Abundance.....	8.00	75.00
Maytime.....	7.00	60.00
Mina Brenner.....	6.00	50.00
*Pollyanna.....	15.00	125.00
Ruth H.....	6.00	50.00
Virginia.....	7.00	65.00

## MEDIUM AND DARK PINK

Dark Pink Fisher.....	10.00	90.00
Dark Pink Maytime.....	7.00	60.00
Derigo.....	7.00	65.00
*Dorothy Napier (New).....	20.00	150.00
Giant Peter Fisher.....	12.00	100.00
John Briry.....	8.00	70.00
New Deal Ward.....	6.00	50.00
Peter Fisher.....	6.00	50.00
Pink Abundance.....	6.00	55.00
*Pink Treasure.....	20.00	150.00
*Rosalie.....	20.00	150.00
Rose Caress.....	15.00	125.00
Virginia Rose.....	8.00	75.00
Vivian.....	6.00	55.00

## RED

	Per 100	Per 1000
Barbara Farr.....	\$7.00	\$ 60.00
*Fire Chief.....	20.00	150.00
*King Cardinal.....	12.00	100.00
Spectrum Supreme.....	6.00	50.00
*Tom Knipe (New).....	20.00	150.00

## CRIMSON AND PURPLE

Beuerlein's Crimson.....	12.00	100.00
Joyce.....	8.00	70.00
Potentate.....	6.00	55.00
Rigoletto.....	6.00	55.00
*Seth Parker.....	20.00	150.00
Woburn.....	7.00	60.00

## YELLOW

Maine Sunshine.....	\$7.00	\$60.00
*Yellow Gold.....	12.00	100.00

## NOVELTIES AND VARIEGATED

Barbara Brigham.....	7.00	60.00
*Chief Kokomo.....	12.00	100.00
Golden Wonder.....	7.00	60.00
Lenora.....	6.00	55.00
Lochinvar.....	12.00	100.00
Marchioness of Headford.....	12.00	100.00
*Opal.....	12.00	100.00
Pelargonium.....	10.00	90.00
Pharaoh.....	7.00	60.00

\* Patented.  
25 to 250 at the 100 rate. 250 or more of one variety at the 1000 rate.

# Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds and many of the best Novelties, the inferior kinds being discarded every year as the Merits of the Newer ones are proven. Cannas are becoming more popular. The new Varieties with large flowers in new colors are unequalled for creating a colorful show from July to Frost. They do best in full sun and respond quickly to feeding.

Price for Dormant Roots up to APRIL 1st. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.

## The Big Four

**Improved Florence Vaughan** Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Green foliage..... **\$7.00** **\$60.00**

**King Humbert** 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots... **3.75** **32.50**

**Yellow King Humbert** 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots..... **3.75** **32.50**

**The President** 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots..... **3.75** **32.50**

## Choice Varieties

**AMBASSADOR.** 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots... **\$ 4.50** **\$40.00**

**COPPER GIANT.** 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial..... **7.00** **60.00**

**EUREKA.** 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots..... **10.00** **90.00**

**HUNGARIA.** 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots..... **4.00** **35.00**

## PENNISETUM CUPREUM

Dark bronze Fountain Grass much used for bordering Canna Beds also makes a good cut flower. Does not grow from seed. 2½-inch pot plants..... **\$2.50** doz.; **\$15.00** per 100

Cannas are becoming more popular. The new varieties with large flowers in new colors are unequalled for creating a colorful show from July till frost. They do best in full sun and respond quickly to feeding.

Number of Cannas required for round beds planted eighteen inches apart each way: Seven feet—19 plants, one for center; six for first row; twelve for second row. Ten feet—37 plants, one for center; six for first row, twelve for second row, eighteen for third row. Thirteen feet—61 plants, one for center; six for first row, twelve for second row, eighteen for third row, twenty-four for fourth row.

## POINSETTIAS

**Stock Plants.** Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, **\$12.50; \$17.50; \$27.50; \$37.50** and **\$52.50** per 100. Shipped in April. F. O. B. Chicago.

**2½ Inch Plants** of above varieties ready August and September **\$10.00** per 100; **\$85.00** per 1,000.



# Greenhouse Plant Department

## CALADIUMS—Vaughan's

### Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.



FANCY-LEAVED CALADIUM

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

Rainbow Mixed.....	Doz.	100	1,000
Named Varieties. Our selection.....	\$2.00	\$12.00	\$100.00
Named. Your selection of varieties.....	2.00	13.00	110.00
Unusual and rare varieties. All named.....	2.25	14.00	120.00
	2.75	16.00	140.00

## AFRICAN VIOLETS

<b>Saintpaulia</b>	Doz.	100	1,000
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The following two varieties sold under license agreements.  
**Blue Girl.** Sport of Blue Boy of same color but improved growth. 2 1/4 inch..... 25 for \$5.00 ..... \$17.50  
**Pink Beauty.** A pink Sport of Blue Boy. (No shipments less than 100). 2 1/4 inch..... 15.00  
**Blue Boy.** 2 1/4 inch..... 15.00  
**Blue Boy.** 3 inch..... \$4.50 30.00

## ASPARAGUS Plumosis Nanus or Sprengeri

Seedlings.....	Per 100	1,000
2 1/4-inch.....	\$1.50	\$12.50
		6.00

## AZALEAS

Coral Bells, Hexe, Pink Pearl, Salmon Beauty, Mme. Pericat, Hinodigeri, Snow and other varieties. Also grafted Indica Azaleas in all standard forcing varieties, sizes up to 24 inch heads. Write for prices. Plants available October to December.

## BEDDING PLANTS FOR SPRING

<b>AGERATUM CARDINAL MUNDELEIN.</b> Deep blue. Dwarf, bushy. Rooted Cuttings.....	100	1000
<b>AGERATUM RIVERSIDE.</b> Dwarf, large head of bloom. Rooted Cuttings.....	\$2.00	\$16.00
<b>AGERATUM PURPLE BEAUTY.</b> Dwarf. Rooted Cuttings.....	2.00	16.00
<b>LANTANAS.</b> All the best named varieties. 2 1/4 inch.....	6.50	60.00
<b>VERBENA.</b> Beauty of Oxford, Helen Wilmot, Mayflower, Scarlet Beauty and other named varieties. Rooted Cuttings.....	2.25	20.00
2 1/4 inch.....	6.00	55.00
<b>VINCA VARIEGATA.</b> Rooted Cuttings.....	2.00	15.00
2 1/4 inch.....	5.00	45.00

Above 50 at 100 rate; 500 at 1000 rate.

## BEGONIA

Standard Varieties. 2 1/4-inch.....	100	1,000
Marjorie Gibbs. 2 1/4-inch. Write For Prices.....	\$6.50	\$ 60.00

## CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids. 100 1,000  
 Vaughan's Choice Hybrid Mixture. 2 1/4-inch..... \$ 8.00 \$ 75.00  
 Rosacker's Varieties, also Pink Beauty, Stewartii, Brilliancy, 2 1/4-inch..... 16.00 150.00

## CINERARIAS

Cremer's Prize Mixture. 2 1/4-inch.....	100	1,000
	\$6.50	\$60.00

## CYCLAMEN

Bright Red, New Salmon Rose, Glory of Wandsbeck, and other varieties, the famous Binnewies strain. Clean, healthy stock. Write for Quotations.

## FERNS—BOSTON

5-inch.....	Doz.	100
6-inch.....	\$ 6.00	\$ 50.00
7-inch.....	8.00	75.00
8-inch.....	12.00	100.00
	Each, \$1.25 to \$1.50	
TABLE FERNS. Assorted varieties; Seedlings.....	100	1000
	\$2.50	\$22.50

## DISH GARDEN PLANTS

Write for special quotations on succulents, cacti and small plants.

## GERANIUMS

We are constantly in touch with Geranium Specialists. All stock offered is 2 1/4-inch or its equivalent.

<b>Fiat.</b> Salmon pink. Dwarf but prolific bloomer.....	100	1000
<b>Lady Jane.</b> Semi-dwarf, deep cherry red, good bloomer.....	\$ 7.00	\$67.50
<b>Mme. Buchner.</b> Double white.....	6.50	60.00
<b>Mme. Landry.</b> Salmon pink with darker shading.....	6.50	60.00
<b>Salmon Ideal.</b> Popular salmon.....	6.50	60.00
<b>Radio Red.</b> Popular and well liked. Bright blood red.....	6.50	60.00
<b>Wyona.</b> Large substantial blooms and growth. Vivid light red.....	6.50	60.00

## DOUBLE PETUNIAS

<b>Rosalie.</b> A short well shaped grower. Pleasing shade of pink. R. C.....	7.50	60.00
2 1/4-inch.....	10.00	85.00

## HYDRANGEAS FOR FORCING

Dormant plants ready November and December, 4 in., 5 in., 6 in., and larger Rooted Cuttings and small pot plants for spring delivery.

<b>Regula, Wesphalen, Sonnengruss.....</b>	per 100	15.00	2-inch	25.00	3-inch	\$25.00
<b>Altoona, Hamburg, Kunert, Rosabelle, Europa, Sch. Perle.....</b>	per 100	10.00	15.00	20.00		
<b>Ami Pasquaar, Giselherr, Louis Savage, Hollandia, Mein Liebling, Wilkommen.....</b>	per 100	8.00	12.00	18.00		
<b>Deutschland, G. Glahn, Goliath, M. Baardse, M. Foch and others.....</b>	per 100	5.00	8.00	12.00		

## DECORATIVE PLANTS

Lack of space prohibits listing of Palms, Cibotiums, Draceanas, and other Decorative Plants but we can supply excellent stock and will quote promptly on your requirements.

<b>IVY Hahns Self-Branching. 2 1/4-inch.....</b>	10	100
4-inch.....	\$0.90	\$ 8.00
<b>Maple Queen (Patented). Small leaf. 2 1/4-inch.....</b>	4.00	35.00
Extra Heavy, 3-inch.....		12.50
Extra Heavy, 4-inch.....		35.00
<b>Merion Beauty. (Miniature). 2 1/4-inch.....</b>	1.20	10.00
3-inch.....	2.50	20.00
<b>Sylvanian Beauty (Patented). Larger leaf. 2 1/4-inch.....</b>		12.50
Heavy, 3-inch.....		35.00
Heavy, 4-inch.....		50.00
<b>PEPEROMIA Variegata. 2 1/4-inch.....</b>	1.20	10.00
Obtusifolia. Green.....	1.25	10.00
<b>PHILODENDRON. 2 1/4-inch.....</b>	1.20	10.00
3-inch.....	2.50	22.50
4-inch.....	4.00	35.00
<b>PATHOS AUREUS. 2 1/4-inch.....</b>	1.20	10.00

## PELARGONIUMS

Azalea, Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Loyal, Sue Jarrett, Wurtembergia.

Prices on other varieties quoted upon request.....	100	1000
Rooted Cuttings.....	\$ 8.00	\$ 75.00
2-inch.....	10.00	95.00
3-inch.....	14.00	130.00

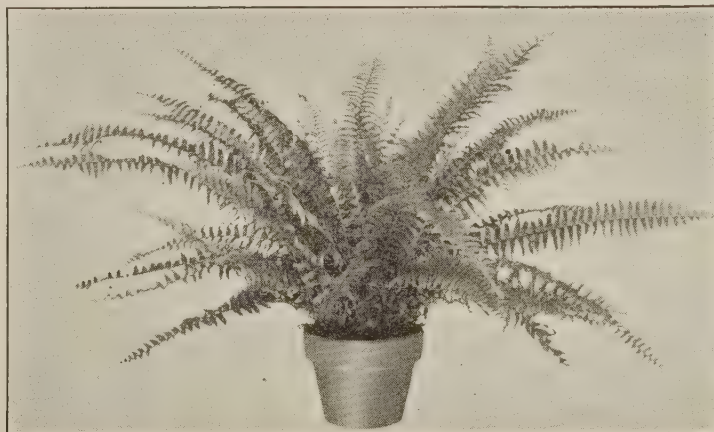
Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—25 of any one variety at the 100 rate; 250 at the 1,000 rate. No orders accepted for less than 25 except as noted.

Packing will be charged on all orders at cost.



BOSTON FERN



# Vaughan's Chrysanthemum Rooted Cuttings

Orders must be in multiples of 25 of a variety. 5% Discount on orders of 10,000. Write for discounts on larger quantities.

While we can furnish additional varieties, the following are the ones that we recommend:

## 1943 NOVELTIES

\$15.00 per 100—\$125.00 per 1000

- Anaconda.** A deep coppery red incurved commercial with gold bronze reverse. Has high quality and is easy to grow. Nov. 10-15.
- Indianapolis Yellow.** A lemon yellow sport of Indianapolis Pink. One of the best for early November.
- Cassandra.** A medium-sized orange bronze pompon that does not fade. Good for shading. Nov. 5-10. Give same cultural treatment as the Bulkeleys.
- Golden Surprise.** A bright sulphur yellow with glossy green foliage. Is disease-resistant and easy to grow. Good producer. Nov. 20-25.
- Seafoam.** Pure white large pompon with well rounded form and full center. Shades well. Very good producer. Nov. 20-25.
- Gold Imperial.** A golden yellow pompon with a yellow orange center. Nov. 10.
- Navaho.** A fine deep crimson. Blooming normally Nov. 5. Fine for early shading, giving a reddish bronze color.
- Enchantress.** Beautiful deep pink anemone coming in bloom Dec. 5 and later.
- Pixie.** A deep gold yellow, well rounded button pompon. 1½ in. diameter. Blooms normally Nov. 10. Good for early shading and for shipping.
- Carillon.** This is a fine single pink spray pompon with Valencia pink color. Is of easy culture; has good form and substance. Dec. 20 on.
- Spun Gold.** A large deep lemon yellow decorative pompon which blooms Dec. 15 and later. The plant ships and keeps well.
- Apricot Valencia.** An apricot bronze sport. An entirely new color.
- Red Valencia.** A Brazil Red sport of a new versatile color.
- Golden Jane.** A gold sport of Jane (the buff bronze Valencia).

## LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per	
		100	1000
Gold Lode. Light golden yellow.....	Oct. 1	\$3.50	\$32.50
Celestra. Lemon yellow. Incurved.....	Oct. 15	3.50	32.50
Mrs. H. E. Kidder. Deep lemon yellow.....	Oct. 20	3.50	32.50
Yellow Ambassador. Pale lemon yellow.....	Oct. 23	3.50	32.50
Blazing Gold. Deep golden yellow.....	Oct. 25	3.50	32.50
Sunglow. Golden yellow.....	Oct. 25	3.50	32.50
Saratoga. Bright golden yellow. Incurved.....	Nov. 1	4.50	40.00
Good News. Deep lemon yellow.....	Nov. 1	3.50	32.50
Cardonia. Deep golden yellow.....	Nov. 10	3.50	32.50
Penrod. Golden yellow. Incurved.....	Nov. 10	8.00	75.00
Whittier. Lemon yellow. Incurved.....	Nov. 13	3.50	32.50
Yellow Monument. Pale lemon yellow.....	Nov. 15	3.50	32.50
Yellow Mefo. Lemon yellow. Incurved.....	Nov. 20	3.50	32.50
Friendly Rival. Deep chrome yellow.....	Nov. 20	3.50	32.50
Marie DePetris. Deep golden yellow.....	Nov. 23	3.50	32.50
Sun Gold. Lemon yellow.....	Nov. 25	3.50	32.50
Golden Pearson. Light golden yellow.....	Nov. 25	3.50	32.50
Golden Chadwick. Light golden yellow.....	Nov. 25	3.50	32.50
Imp. Yellow Chattanooga. Lemon yellow.....	Nov. 25	3.50	32.50
Golden Mrs. Ross. Golden yellow.....	Dec. 3	3.50	32.50
Golden Mistletoe. Pale golden yellow.....	Dec. 10	3.50	32.50
Meteore. Lemon yellow.....	Dec. 10	6.00	50.00
Imp. Tobin's Late Yellow. Dp. lemon yellow.....	Dec. 15	3.50	32.50
Silver Sheen. Incurved.....	Oct. 18	3.50	32.50
Ambassador. Cream white. Incurved.....	Oct. 23	3.50	32.50
Albatross. Incurved.....	Nov. 1	3.50	32.50
Snow White. Incurved.....	Nov. 1	3.50	32.50
Betsy Ross. Ivory white. Incurved.....	Nov. 1	3.50	32.50
Indianapolis White. Incurved.....	Nov. 8	4.50	40.00
Monument. Ivory white. Incurved.....	Nov. 15	3.50	32.50
Marketeer. Incurved.....	Nov. 18	3.50	32.50
Mefo. Ivory white. Incurved.....	Nov. 20	3.50	32.50
Chattanooga. Incurved.....	Nov. 25	3.50	32.50
White Chadwick. White suffused pink.....	Nov. 25	3.50	32.50
December Glory. Ivory white. Incurved.....	Dec. 1	3.50	32.50
White Mistletoe. Incurved.....	Dec. 10	3.50	32.50
Smith's Late White. Ivory white. Semi-incurved.....	Dec. 15	3.50	32.50
Indianola. Pale reddish bronze. Incurved.....	Oct. 10	3.50	32.50
Hilda Bergen. Dark reddish bronze. Incurved.....	Oct. 25	3.50	32.50
Cambria. Golden bronze. Incurved.....	Oct. 25	8.00	75.00
Glitters. Deep reddish orange. Reflexed.....	Oct. 28	3.50	32.50
Apricot Queen. Orange bronze. Incurved.....	Nov. 1	3.50	32.50
Detroit News. Reddish bronze with buff reverse incurved.....	Nov. 1	3.50	32.50
Indianapolis Bronze. Buff bronze.....	Nov. 8	3.50	32.50
Mrs. David F. Roy. Crimson deep buff reverse.....	Nov. 10	3.50	32.50
Garnet King. Dark red. Reflexed.....	Nov. 18	3.50	32.50
Gladys Pearson. Light buff bronze. Incurved.....	Nov. 25	3.50	32.50
Oak Leaf. Reddish bronze. Incurved.....	Nov. 25	3.50	32.50
Harvard. Deep red.....	Nov. 30	3.50	32.50
Bronze Mistletoe. Buff bronze suffused with pink.....	Dec. 10	3.50	32.50
Pink Chief. Lavender. Incurved.....	Oct. 15	3.50	32.50
Rosabella. Rose pink. Incurved.....	Oct. 25	3.50	32.50
Roseum. Deep lavender. Incurved.....	Nov. 1	6.00	50.00

## LARGE FLOWERING COMMERCIAL VARIETIES—Continued

	Matures	Price per	
		100	1000
J. W. Prince. (Improved Chieftain). Rose pink. Incurved.....	Nov. 5	\$3.50	\$32.50
Indianapolis Pink. Deep lavender with pale reverse. Incurved.....	Nov. 8	3.50	32.50
Orchid Queen. Orchid pink. Incurved.....	Nov. 12	3.50	32.50
Peter John. Deep rose pink. Reflexed. Sport from Thanksgiving Pink.....	Nov. 23	3.50	32.50
Thanksgiving Pink. Amaranth. Reflexed.....	Nov. 23	3.50	32.50
Helen Frick. Rose pink. Incurved.....	Nov. 25	3.50	32.50
Edwin Seidewitz. Lavender. Incurved.....	Nov. 30	3.50	32.50
Pink Mistletoe. Lavender. Incurved.....	Dec. 10	3.50	32.50

## EXHIBITION VARIETIES

	Matures	Price per	
		100	1000
Yellow Turner. Yellow. Incurved.....	Nov. 5	\$6.00	\$50.00
William Turner. White. Incurved.....	Nov. 5	6.00	50.00
Bronze Turner. Light bronze.....	Nov. 5	6.00	50.00
Pink Turner. Lavender.....	Nov. 5	6.00	50.00

## POMPON, SINGLE AND ANEMONE VARIETIES

Types are abbreviated as follows: P—Pompon; D—Decorative; S—Single; A—Anemone.

	Type	Matures	Price per	
			100	1000
Yellow Irene. Light lemon yellow. Sport from Irene.....	P	Oct. 18	\$3.50	\$32.50
Rodell Improved. Light lemon yellow.....	P	Oct. 20	3.50	32.50
Yellow Hammer. Golden yellow.....	P	Oct. 20	12.00	100.00
Golden Spray. Deep lemon yellow.....	P	Oct. 23	3.50	32.50
*Golden Herald. Deep golden yellow.....	D	Oct. 25	3.50	32.50
Yellow Dot. Yellow with bronze center. Sport from Pink Dot.....	P	Oct. 25	3.50	32.50
Yellow Arcadia. Pernet yellow.....	P	Oct. 28	4.50	40.00
Yellow Daisy. Deep lemon yellow.....	S	Nov. 1	3.50	32.50
Mary Lennon Hall. (Vera Victoria). Deep lemon yellow.....	P	Nov. 1	3.50	32.50
Nuggets. Light lemon yellow.....	P	Nov. 5	3.50	32.50
Yellow Bushnell. Pernet yellow. Sport from Rev. Bushnell.....	P	Nov. 8	4.50	40.00
Derigold. Deep golden yellow.....	P	Nov. 10	3.50	32.50
*Helios. Deep golden yellow.....	A	Nov. 10	3.50	32.50
Yellow New York. Deep lemon yellow.....	P	Nov. 13	3.50	32.50
Yellow Fellow. Deep lemon yellow.....	D	Nov. 15	3.50	32.50
*Susanne Miller. Buff yellow. Sport from Norma.....	A	Nov. 18	3.50	32.50
Hasegawa Gold. Light golden yellow.....	P	Nov. 23	3.50	32.50
*Yellow Rolinda. Light buff yellow.....	A	Nov. 23	3.50	32.50
*Goldsmith. Golden yellow.....	D	Nov. 25	4.50	40.00
Christmas Gold. Deep golden yellow.....	P	Nov. 28	3.50	32.50
Yellow Cordova. Lemon yellow.....	D	Nov. 30	3.50	32.50
Gold Coin. (Unalga). Deep lemon yellow.....	P	Dec. 1	3.50	32.50
Golden Modena. Deep lemon yellow.....	P	Dec. 5	3.50	32.50
December Gold. Deep golden yellow.....	D	Dec. 15	3.50	32.50
Yellow Garza Supreme. Pale lemon yellow.....	A	Dec. 15	3.50	32.50
Vibrant. Deep lemon yellow.....	D	Dec. 20	4.50	40.00
Yellow Snow. Deep lemon yellow.....	P	Dec. 30	8.00	75.00
White Jewell. White tinged with light lavender.....	P	Oct. 15	3.50	32.50
*Silver Ball.....	P	Oct. 15	3.50	32.50
Irene.....	P	Oct. 18	3.50	32.50
Minong.....	P	Oct. 20	3.50	32.50
Arcadia.....	P	Oct. 28	3.50	32.50
*Graceland. White with yellow center.....	A	Oct. 28	3.50	32.50
Sea Gull. Cream white.....	P	Nov. 1	3.50	32.50
*White Doty. Ivory white.....	P	Nov. 1	3.50	32.50
Blanche.....	A	Nov. 1	3.50	32.50
*White Anemone.....	A	Nov. 5	3.50	32.50
Rev. Horace Bushnell. Cream white.....	P	Nov. 8	3.50	32.50
*Shasta.....	A	Nov. 8	3.50	32.50
Crystal Jewell.....	P	Nov. 8	3.50	32.50
*White Mensa. Ivory white.....	S	Nov. 10	3.50	32.50
*Little America.....	A	Nov. 10	3.50	32.50
Nagona. Ivory white.....	S	Nov. 10	3.50	32.50
Chicago Pearl. Ivory white.....	P	Nov. 15	3.50	32.50
*White Freida. White with yellow cushion.....	A	Nov. 15	4.50	40.00
*White Norma. White suffused with pink.....	A	Nov. 18	3.50	32.50
Pearl.....	P	Nov. 20	3.50	32.50
*White Yuletide.....	P	Nov. 28	3.50	32.50
Cordova. Cream white.....	D	Nov. 30	3.50	32.50
Cameo. Ivory white.....	P	Dec. 5	8.00	75.00
Yukon.....	S	Dec. 10	4.50	40.00
Garza Supreme.....	A	Dec. 15	3.50	32.50
Snow. Ivory white.....	P	Dec. 30	3.50	32.50
Roman Bronze. Bronze suntan. Capt. Cook.....	P	Oct. 20	3.50	32.50
Adelaide. Dark reddish bronze.....	P	Oct. 23	3.50	32.50
*Jemima. Dark reddish bronze.....	P	Oct. 23	3.50	32.50
Natoma. Flame scarlet.....	D	Oct. 25	3.50	32.50

\*—Responds to disbudding.

Twenty-Five or more at the hundred rate.



# Vaughan's Chrysanthemum Rooted Cuttings

## POMPON, SINGLE AND ANEMONE VARIETIES

—Continued

Name and Description	Type	Matures	Price per	
			100	1000
Fire Bird. Dark reddish bronze.....	D	Oct. 25	\$3.50	\$32.50
October Bronze. Light bronze.....	S	Oct. 28	3.50	32.50
Bronze Daisy. Light bronze.....	S	Nov. 1	3.50	32.50
Robin Hood. Dark red.....	P	Nov. 5	3.50	32.50
Red Daisy. Deep red.....	S	Nov. 5	\$3.50	\$32.50
Bronze Bulkeley. Bronze. Sport from Mrs. Bulkeley.....	P	Nov. 8	4.50	40.00
*Mason's Bronze. Burnt orange.....	S	Nov. 10	3.50	32.50
Tagoya. Brilliant Goya Red.....	S	Nov. 10	3.50	32.50
*Europa. Cardinal red.....	S	Nov. 10	8.00	75.00
*Clara Holford. Deep red.....	S	Nov. 10	3.50	32.50
*The Titan. Scarlet crimson with bronzy red cushion.....	A	Nov. 10	3.50	32.50
New York. Reddish bronze.....	P	Nov. 13	3.50	32.50
*Bronze Masterpiece. Apricot bronze. Sport from Masterpiece.....	P	Nov. 15	6.00	50.00
Fez. Deep reddish bronze.....	P	Nov. 15	3.50	32.50
Princeton. Golden yellow suffused with orange.....	D	Nov. 15	3.50	32.50
Red Princeton. Brazil red.....	D	Nov. 15	3.50	32.50
Mrs. Mary Hooker. Deep red.....	D	Nov. 15	3.50	32.50
*Bronze Freida. Salmon buff with yellow center. Sport from Freida.....	A	Nov. 15	4.50	40.00
Catherine. Light reddish bronze.....	D	Nov. 20	3.50	32.50
Legal Tender. Bronze and Gold.....	D	Nov. 20	3.50	32.50
*Rolinda. Reddish bronze.....	A	Nov. 23	3.50	32.50
*Red Rolinda. Deep reddish bronze.....	A	Nov. 23	3.50	32.50
Apricon. Apricot yellow.....	P	Nov. 25	4.50	40.00
Dorothy Turner. Deep reddish bronze.....	P	Nov. 25	3.50	32.50
Amberlite. Orange bronze.....	S	Nov. 25	8.00	75.00
Yolanda. Light orange bronze.....	A	Nov. 25	3.50	32.50
*Crimson Glow. Crimson maroon.....	A	Nov. 25	3.50	32.50
Glow. Orange, reddish orange at center.....	P	Nov. 30	3.50	32.50
*Jane. Light buff bronze. Sport from Valencia.....	S	Nov. 30	3.50	32.50
*Carnelia. Bittersweet red.....	S	Nov. 30	3.50	32.50
Orange Belle. Reddish bronze.....	P	Nov. 30	8.00	75.00
Viking. Deep reddish bronze shading to orange.....	S	Dec. 1	3.50	32.50
Chrome Emerald. Golden orange with gold cushion.....	A	Dec. 1	3.50	32.50
*Matador. Crimson red.....	A	Dec. 5	8.00	75.00
Cavalcade. Mandarin red. Golden bronze reverse.....	P	Dec. 10	3.50	32.50
Sarong. Crimson scarlet.....	S	Dec. 15	4.50	40.00
Jewell. Lavender.....	P	Oct. 15	3.50	32.50
Dark Pink Jewell. Deep lavender.....	P	Oct. 15	3.50	32.50
Pink Pearl. Rose pink.....	P	Oct. 20	3.50	32.50
Capt. Cook. Deep rose pink.....	P	Oct. 20	3.50	32.50
Persian Rose. Deep rose pink.....	P	Oct. 23	3.50	32.50
Jessie (Madeline). Light lavender.....	P	Oct. 25	3.50	32.50
Pink Dot. White with pink center.....	P	Oct. 25	3.50	32.50
October Pink. Light lavender.....	S	Oct. 28	3.50	32.50
Isobel. Light lavender.....	P	Nov. 1	6.00	50.00
*Lillian Doty. Pale rose pink.....	P	Nov. 1	3.50	32.50
Mrs. Morgan G. Bulkeley. Light rose pink suffused with orchid lavender.....	P	Nov. 8	3.50	32.50
*Thyra. Lavender.....	P	Nov. 10	3.50	32.50
Silver Tips. Deep lavender with silver tips.....	P	Nov. 13	3.50	32.50
*Masterpiece. Tourmaline pink.....	P	Nov. 15	3.50	32.50
Orchid Beauty. Orchid with golden cushion.....	A	Nov. 15	3.50	32.50
*Freida. Light lavender with yellow cushion.....	A	Nov. 15	3.50	32.50
*Dark Pink Freida. Deep lavender.....	A	Nov. 15	4.50	40.00
*Dark Pink Norma. Deep lavender.....	A	Nov. 18	3.50	32.50
*Long Island Beauty. Pale pink with yellow cushion.....	A	Nov. 20	3.50	32.50
Usona. Lavender.....	P	Nov. 25	3.50	32.50
Hasegawa Pink. Lavender.....	S	Nov. 25	3.50	32.50
*Beautiful Lady. Deep lavender rays with cream white cushion.....	A	Nov. 25	3.50	32.50
*Valencia. Orchid pink.....	S	Nov. 30	3.50	32.50
*Dark Pink Valencia. Deep orchid pink.....	S	Nov. 30	3.50	32.50
Prosperity. Deep lavender.....	D	Dec. 10	3.50	32.50
*Dark Pink Supreme. Lavender.....	A	Dec. 10	3.50	32.50
Aurora. Lavender.....	S	Dec. 15	12.00	100.00
Pink Treasure Island. Light lavender.....	D	Dec. 20	3.50	32.50
Rosalind. Rose pink.....	S	Dec. 20	8.00	75.00

\*—Responds to disbudding.

## POT PLANT VARIETIES

Name and Description	Matures	Price per	
		100	1000
Pomponette. Light buff yellow.....	Sept. 20	\$4.50	\$40.00
Gold Lode. Light golden yellow.....	Oct. 1	3.50	32.50
Cincinnati. Golden yellow.....	Oct. 20	3.50	32.50
Blazing Gold. Deep golden yellow.....	Oct. 25	3.50	32.50
Smith's Superlative. Deep golden yellow.....	Oct. 25	3.50	32.50
Jane Harte. Light lemon yellow cascade.....	Oct. 30	6.00	50.00
Ohio State. Light lemon yellow.....	Nov. 1	3.50	32.50
Golden Glory. Golden yellow.....	Nov. 1	3.50	32.50

## POT PLANT VARIETIES—Continued

Name and Description	Matures	Price per	
		100	1000
Lila Lilly. Lemon yellow.....	Nov. 10	\$3.50	\$32.50
Yellow Beauty. Golden yellow.....	Nov. 10	3.50	32.50
Sunray. Light lemon yellow.....	Nov. 15	3.50	32.50
Bonnaffon Deluxe. Golden yellow.....	Nov. 20	3.50	32.50
Yellow Rolinda. Buff yellow.....	Nov. 23	3.50	32.50
Sun Gold. Lemon yellow.....	Nov. 25	3.50	32.50
Sunshine. Deep golden yellow.....	Nov. 25	3.50	32.50
Christina.....	Oct. 20	3.50	32.50
Graceland. White with yellow center.....	Oct. 28	3.50	32.50
Anna. White. Cascade.....	Oct. 30	6.00	50.00
White Izola. Sport from Izola.....	Nov. 1	3.50	32.50
Richard Mandel.....	Nov. 10	3.50	32.50
Marketeer.....	Nov. 18	3.50	32.50
Bronze Lode. Pale buff bronze.....	Oct. 1	3.50	32.50
Thorina. Reddish bronze.....	Oct. 20	3.50	32.50
Alameda. Reddish bronze with buff reverse.....	Oct. 25	4.50	40.00
Glitters. Deep reddish orange.....	Oct. 28	3.50	32.50
Red Melba. Light red.....	Nov. 10	3.50	32.50
Gypsy. Pale reddish bronze.....	Nov. 15	3.50	32.50
Rolinda. Reddish bronze.....	Nov. 23	3.50	32.50
Red Rolinda. Deep reddish bronze.....	Nov. 23	3.50	32.50
Mrs. Beu. Orange bronze.....	Nov. 25	3.50	32.50
Red Beu. Reddish bronze.....	Nov. 25	3.50	32.50
Harvard. Deep red.....	Nov. 30	3.50	32.50
Justrite. Light rose pink.....	Oct. 15	3.50	32.50
Rose Chochard. Light lavender.....	Oct. 20	3.50	32.50
Rose Mandel. Light lavender.....	Oct. 20	3.50	32.50
Butler's Caprice. Rose pink.....	Oct. 25	3.50	32.50
Thyra. Deep lavender.....	Nov. 10	3.50	32.50
Queen of Pinks. Lavender.....	Nov. 10	3.50	32.50
Ethelda. Light lavender.....	Nov. 12	3.50	32.50

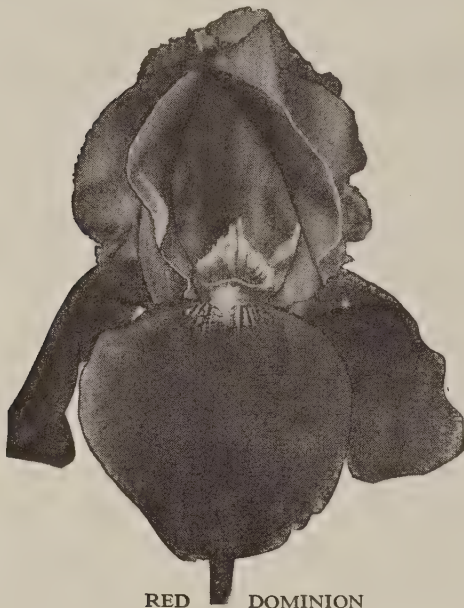
## HARDY VARIETIES

Name and Description	Matures	Price per	
		100	1000
Harvest Gold. Pale lemon yellow.....	Sept. 1	\$4.50	\$40.00
Pygmy Gold. Golden yellow.....	Sept. 5	3.50	32.50
Algonquin. Golden yellow.....	Sept. 10	3.50	32.50
Yellow Cushion. Light buff yellow.....	Sept. 10	3.50	32.50
Barbara Cumming (Yellow Normandie).....	Sept. 15	3.50	32.50
Early Yellow. Light golden yellow.....	Sept. 15	3.50	32.50
September Gold. Brilliant golden yellow.....	Sept. 15	15.00	125.00
Eugene A. Wander. Brilliant golden yellow.....	Sept. 20	12.00	100.00
Pomponette. Light buff yellow.....	Sept. 20	4.50	40.00
Wolverine. Light yellow.....	Sept. 25	3.50	32.50
King Midas. Light lemon yellow.....	Sept. 30	3.50	32.50
Gleam O'Gold. Pale lemon yellow.....	Oct. 5	7.00	65.00
Treasure Trove. Lemon yellow.....	Oct. 5	7.00	65.00
Golden Spoon. Golden yellow.....	Oct. 10	3.50	32.50
White Cushion (Queen Cushion).....	Sept. 10	3.50	32.50
September Cloud. White.....	Sept. 15	15.00	125.00
White Gull.....	Sept. 15	3.50	32.50
Silver Moon. Cream white.....	Sept. 15	15.00	125.00
Jean Cumming. Ivory white.....	Sept. 20	3.50	32.50
Normandie. White.....	Sept. 20	3.50	32.50
Milky way. Cream white.....	Sept. 25	8.00	75.00
Tasiva. Cream white.....	Oct. 5	3.50	32.50
White Spoon.....	Oct. 10	3.50	32.50
White Jewell. White tinged lavender.....	Oct. 15	3.50	32.50
Bronze Cushion (King Cushion). Buff bronze.....	Sept. 10	3.50	32.50
Aladdin. Deep apricot.....	Sept. 10	3.50	32.50
Red Cushion. Amaranth red.....	Sept. 10	3.50	32.50
Early Bronze. Orange bronze.....	Sept. 15	3.50	32.50
September Bronze. Orange bronze.....	Sept. 15	15.00	125.00
Autumn Lights. Coppery bronze.....	Sept. 20	4.50	40.00
Nancy Copeland. Spectrum red.....	Sept. 25	3.50	32.50
Frances Whittlesey. Deep bronze and garnet.....	Sept. 30	3.50	32.50
Peachblow. Buff bronze.....	Sept. 30	15.00	125.00
Romany. Reddish bronze.....	Oct. 5	3.50	32.50
Santa Claus. Spectrum red.....	Oct. 5	4.50	40.00
Caliph. Deep red.....	Oct. 8	3.50	32.50
Ruth Cumming. Reddish bronze.....	Oct. 8	3.50	32.50
Mandarin. Coral salmon.....	Oct. 10	3.50	32.50
Jasper Spoon. Straw yellow tubes with Jasper red spoons.....	Oct. 10	3.50	32.50
Apollo. Bronze red.....	Oct. 12	3.50	32.50
Dean Kay. Rose pink.....	Aug. 25	4.50	40.00
Amelia (Pink Cushion). Pale lavender.....	Sept. 10	3.50	32.50
Early Wonder. Lavender.....	Sept. 15	4.50	40.00
Roberta Copeland. Rose pink.....	Sept. 15	4.50	40.00
Jean Treadway. Light rose pink with dark center.....	Oct. 1	3.50	32.50
Mrs. du Pont. Peach pink shading to rosy salmon.....	Oct. 5	12.00	100.00
Burgundy. Wine red.....	Oct. 5	4.50	40.00
The Moor. Amaranth crimson.....	Oct. 5	3.50	32.50
Rose Glow. Raspberry changing to opalescent rose.....	Oct. 5	4.50	40.00
Lavender Lady. Lavender.....	Oct. 8	7.00	65.00
Orchid Spoon. Light pinkish lilac.....	Oct. 10	3.50	32.50
Symphony. Mauve coppery pink and lavender.....	Oct. 12	3.50	32.50
Jewell. Lavender.....	Oct. 15	3.50	32.50
Dark Pink Jewell. Deep lavender. Sport from Jewell.....	Oct. 15	3.50	32.50

Twenty-five or more at the hundred rate.



# Hardy German Iris



RED DOMINION

## Special Offer

### New Giant Flowering Irises

5 each of Black Wings, Blue Triumph, Crystal Beauty, Ethelwyn Dubuar, El Capitan, Indian Chief, Jean Cayeux, No-We-Ta, Naranja, Red Dominion, 50 Irises (value \$6.00), for \$5.00.

There is no comparison between these new beauties and the old obsolete varieties. Plant out a good collection and sell the flowers on Decoration Day and the rhizomes in July, Aug. and Sept. You will be surprised at the demand you will have for them.

"S" refers to the three standard or upright curling petals.

"F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
<b>Alta California.</b> 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow....	\$0.15	\$1.20	\$10.00
<b>Baldwin.</b> 40 in. Gigantic flowers of manganese violet..	.15	1.00	8.00
<b>Black Wings.</b> 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster.....	.15	1.20	10.00
<b>Blue Triumph.</b> 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced	.15	1.00	8.00
<b>Buechly Giant.</b> 40 in. Clear lavender-blue bicolor of perfect form and sensational size.....	.15	1.20	10.00
<b>California Gold.</b> 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow....	.25	2.00	.....
<b>Cinnabar.</b> 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape....	.10	.75	5.00
<b>Coronation.</b> 40 in. A brilliant, clear deep golden yellow of fine form and substance.....	.10	.75	5.00
<b>Crystal Beauty.</b> 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks.....	.15	1.20	10.00
<b>E. B. Williamson.</b> 36 in. Rich, glowing coppery-red with a silky sheen. Very unusual and extra fine.....	.65	5.00	.....
<b>El Capitan.</b> 40 in. Huge light violet-blue flowers.....	.15	1.20	10.00
<b>Ethelwyn Dubuar.</b> Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class.....	.15	1.20	10.00
<b>Frieda Mohr.</b> 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.....	.15	1.00	8.00
<b>Golden Treasure.</b> 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous.....	.40	3.50	.....
<b>Gold Imperial.</b> 33 in. Chrome yellow throughout except for conspicuous orange beard.....	.10	.75	5.00
<b>Gudrun.</b> 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat.....	.15	1.20	10.00
<b>Indian Chief.</b> 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.....	.15	1.00	8.00
<b>Indian Hills.</b> 37 in. A stunning Iris of rich wine purple	.30	2.50	.....
<b>Jean Cayeux.</b> 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.....	.20	1.50	.....
<b>Labor.</b> 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.....	.10	.75	5.00
<b>Lord of June.</b> "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.....	.10	.75	5.00
<b>Midwest Gem.</b> 36 in. Immense ruffled flowers of luminous apricot, flushed pink, on strong branching stalks.	.60	5.00	.....
<b>Naranja.</b> 40 in. Large yellow with orange-yellow falls.	.20	1.50	12.00
<b>No-We-Ta.</b> 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled.....	.15	1.00	8.00
<b>Ormohr.</b> 40 in. Extra-large blooms of soft gray lavender, veined violet with rosy glow. Hardy. Easy to grow..	1.25	.....	.....
<b>Pink Satin.</b> 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink.....	.15	1.20	10.00
<b>President Pilkington.</b> 46 in. Very large flowers of pale buff and lavender blend. Extra choice.....	.15	1.00	8.00
<b>Prairie Sunset.</b> 34 in. Blend of peach, apricot, rose, copper and gold. Large blooms on hardy, free blooming plants.....	7.00	.....	.....
<b>Prospero.</b> "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower.....	.10	.75	5.00
<b>Radiant.</b> 33 in. Very free blooming iris. Golden-brown standards and falls are a coppery red. Truly distinctive.	.65	6.00	.....
<b>Red Dominion.</b> 40 in. An outstanding variety of glowing ox-blood red.....	.15	1.20	10.00

GERMAN IRIS—Continued	Each	10	100
<b>Sensation.</b> 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.....	\$0.15	\$1.00	\$ 8.00
<b>Snowking.</b> 40 in. Giant snow-white flowers. Vigorous.	.40	.....	.....
<b>Sierra Blue.</b> 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner.....	.20	1.75	15.00
<b>The Red Douglas.</b> 40 in. Sensational, new vibrant red-purple of colossal size, gorgeously rich in color. The experts agree it's one of finest of all Irises.....	1.25	.....	.....
<b>Valor.</b> 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems.....	.10	.80	6.00
<b>Wabash.</b> 39 in. Dykes Medal 1940. "S" snowy white; "F" deep hyacinth-violet with white edge. The Iris experts agree it is the best Iris in commerce.....	1.00	.....	.....
<b>War Eagle.</b> 40 in. "S" light red-purple; "F" reddish-purple with black shadings. In effect, deep red....	.15	1.00	8.00

### FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early-flowering varieties and have a habit of blooming again in the Autumn.

	Each	10	100
<b>Autumn King.</b> 30 in. A large blue-purple bicolor....	\$0.15	\$1.00	\$ 8.00
<b>Eleanor Roosevelt.</b> 28 in. Deep velvety purple self..	.15	.75	5.00
<b>Jean Siret.</b> 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.	.15	1.00	7.00
<b>Lieutenant de Chavegnac.</b> 15 in. Deep red-violet with same habits as Jean Siret.....	.15	1.00	8.00

### VARIOUS IRIS

<b>Cristata.</b> Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	.15	1.25	.....
<b>Pseudoacorus.</b> (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	.15	1.25	.....
<b>Versicolor</b> (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	.15	1.00	.....
<b>PUMILA Hybrida.</b> 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.			
<b>Cyanea.</b> Fragrant rich crimson purple.....	.....	.50	4.00
<b>Dixmude.</b> "S" aniline blue; "F" rich purple.....	.10	.75	5.00
<b>Spring Skies.</b> Lovely light blue, very beautiful shade.	.10	.80	6.00

### SIBERIAN IRIS

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

	Each	10	100
<b>Butterfly.</b> Lovely porcelain blue.....	\$0.60	\$ 4.00	
<b>Emperor.</b> Large flowers of deep violet-blue.....	.60	4.00	
<b>Geo. Wallace.</b> (Azure blue) "F" marked white.....	.50	3.00	
<b>Orientalis.</b> Rich, deep purple.....	.50	3.00	
<b>Perry's Blue.</b> A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue....	.60	4.00	
<b>Mixed</b> .....	.50	3.00	

### KAEMPFERI IRIS

<b>Azure.</b> Large delicate mauve-blue flowers. Double....	.30	2.25	18.00
<b>Gold Bound.</b> White with gold banded center. Double. Early.....	.30	2.25	18.00
<b>Mahogany.</b> Velvety mahogany red. Double.....	.30	2.50	22.00
<b>Momigi-No-Taki.</b> Variegated rosy carmine. Double..	.30	2.50	22.00
<b>Purple and Gold.</b> Rich violet-purple. Gold center. Double. Midseason.....	.30	2.25	18.00
<b>Seacrest.</b> Six large wavy white petals with a deep blue haft.....	.30	2.25	18.00



# Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 3 1/4% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

**KEY TO ABBREVIATIONS.** F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S., Show.  
\*—Good cut flower varieties.

## PINK TONES

	Doz.	100
*A. D. LIVONI. (S.) A beautiful soft pink with quilled petals	\$1.25	\$ 8.00
CAVALCADE. (F.D.) A beautiful shade of old rose or mulberry pink. A free and continuous bloomer. A good grower with long wire stems that carry the flowers facing	2.00	15.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower	1.75	12.00
DIRECTOR CARL G. DAHL. (I.D.) Apricot buff shaded old rose on reverse of petals and center. A healthy robust bush. Each, 50c	5.00	.....
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage	1.25	8.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow	1.75	12.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches	.85	6.00
ROSALEE. (F.D.) Clear rose pink, strong upright grower	1.25	8.00
ROSE GLORY. (F.D.) Deep rose pink with fine long stems. Medium height bush	.85	6.00
W. H. T. (F.D.) A rich old rose with mauve shading on reverse. * Flowers carried on strong stems	.85	6.00

## RED TONES

CITY OF WELLSTON. (F.D.) Rhodamine purple. Flowers of * large size and perfect quality on long, straight stems	1.25	8.00
C. B. PINCHOT. (I.D.) Burgundy red of large size and perfect form	1.50	10.00
GALLANT FOX. (F.D.) A commercial red. Its keeping qualities, sturdy stem and fine color make it a valuable sort	1.25	8.00
GERTRUDE BRINTON. (F.D.) True brick red. Large, well-shaped flowers carried on strong stems. Medium height	1.25	8.00
HUNT'S VELVET WONDER. (I.D.) A rich violet-purple. The huge blooms can be grown to immense size and are fine keepers for so large a flower. A strong grower with heavy disease-resistant foliage	3.50	25.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler reverse, giving a two-toned effect	1.25	8.00
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form	1.25	8.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine giant in size and outstanding in all respects	1.50	10.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. * Free bloomer	.85	6.00
RED JUG. (S.C.) Dark cardinal red	2.00	10.00
OAKLEIGH MONARCH. (I.D.) A clear brilliant cerise red. * Very large blooms of great depth which keep well when cut. Strong, rugged grower	3.50	25.00
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals, * shading to a bright orange with paler tips. Strong grower with large blooms on good stems	1.25	8.00
SATAN. (S.C.) A flaming red with a slight touch of gold at the center. Strong grower with heavy foliage and heavy stems	2.50	18.00

## YELLOW TONES

*AVALON. (I.D.) Clear yellow. Large flowers on long stems	1.25	8.00
CALIFORNIA IDOL. (I.D.) A giant yellow and a splendid grower	3.50	25.00
GOLDEN STANDARD. (S.C.) Buff shaded to amber and gold	2.00	15.00
KENTUCKY SUN (F.D.) A large clear yellow producing quantities of uniform flowers	2.50	18.00
MARY BAKER. (I.D.) A fine clear deep yellow. One of the * earliest and most free blooming Dahlias	2.00	15.00
MARY HELEN. (S.) A wonderful golden primrose. One of the * best ball type. Large, perfect and fine stem	1.75	12.00
SULTAN OF HILLCREST. (F.D.) Clear deep lemon-yellow, reverse rosy pink. A unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems	2.00	15.00
TOWERS EMPIRE. (I.D.) Color is clear gold with amber * shadings. Stems are exceptionally long and straight, holding the large blooms well above foliage	1.50	10.00

## WHITE TONES

FLORIST WHITE. (F.D.) Pure white, fine form. Good grower with long stems	2.00	15.00
JERSEY'S DAINTY. (S.C.) White with slight lavender tinge. * An excellent cut flower variety that produces many flowers on good stem	2.00	15.00
MARGARET WOODROW WILSON. (I.D.) Face of petals * creamy white, reverse Phlox-pink	.85	6.00
MISS OAKLAND. (F.D.) Pure white. Perfect habit of growth * free flowering; unexcelled for cut flowers or exhibition	3.00	20.00
STAR OF BETHLEHEM. (S.C.) Pure white with fine pointed * petals and tight center. Free bloomer and will produce exhibition blooms	2.50	10.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of * fine form and substance with strong stems	1.25	8.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The * giant blooms are pure white with long twisted and curled petals	1.75	12.00



MINIATURE AND POMPON DAHLIAS

## LAVENDER and VIOLET SHADES

	Doz.	100
BUCKEYE GLORY. (F.D.) Clear lavender to deep lavender	\$2.50	\$18.00
BONNIE BLUE. (S.) Lavender blue. A good grower and fine cutflower variety	1.25	\$10.00
HARRY MAYER. (F.D.) A silver lavender with reverse of deep * lavender. Sturdy growing habit and heavy texture	1.50	10.00
JEAN TRIMBEE. (I.D.) A rich deep petunia-violet of immense * size carried well above foliage on stiff stems	2.50	18.00
THOMAS A. EDISON. (F.D.) A royal purple with a brilliant * rich finish. The size is large and the petals are of a stag-horn formation	3.50	25.00

## ORANGE and AUTUMN TONES

CHARLOTTE CALDWELL. (S.) Bright orange with shadings of terra cotta. Fine foliage and good growth	2.00	15.00
JANE COWL. (I.D.) A large flower of a warm buff and old * gold blending to a bright salmon at the center	1.25	8.00
PROF. MANSFIELD. (S.) Gold, white and orange combination. Strong grower with heavy foliage and good stem	1.50	10.00
ROSE FALLON. (F.D.) Dark orange tinted with amber and * salmon and both pleasing and effective. Strong grower	1.25	8.00
RUDY VALLEE. (S.C.) Reddish apricot golden center	2.00	15.00
SAGAMORE. (F.D.) A golden color, shaded toward the center * with warm salmon-rose or orange-buff	.75	5.00

## POMPONS

AMBER QUEEN. Amber suffused with apricot	1.25	8.00
BACCHUS. Bright red rounded and full	1.50	10.00
BO-PEEP. Rose mauve. Fine perfect bloom. Good grower with wiry stems	1.25	8.00
BRONZE BEAUTY. Gold apricot. Fine cut flower variety	1.25	8.00
CATHERINE. Bright yellow, good form and stem	.85	6.00
EDITH MUELLER. A bright cerise pink. A fine cutting variety	1.25	8.00
EUREKA. Yellow, shading to bronze	.85	6.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white	.85	6.00
ROSA WILMOTH. Small fine formed rose-pink	1.25	8.00
ROYAL PURPLE. Rich royal purple	1.50	10.00
SNOWCLAD. Pure white, one of the best	1.25	8.00

## MINIATURE DAHLIAS

ANDRIES ORANGE. Bright orange. One of the finest miniatures	3.00	20.00
BABY ROYAL. (S.C.) Salmon-pink and apricot with gold shadings. Very free bloomer	1.25	8.00
BISHOP OF LLANDORF (Duplex). Brilliant rich red blooms in contrast to the bronze-dark foliage make it outstanding	1.50	10.00
BUCKEYE BABY. (F.D.) Gold buff, early, long lasting and one of the most successful for exhibition and cutting	2.00	15.00
FAIRY. A violet-rose shading mauve at tips	1.25	8.00
FLORENCE. (I.D.) Light violet with long stems	1.25	8.00
NESTHACKSCHON. (S.C.) Color buff suffused soft lilac. An artistic miniature when pastel shades are desired. Free flowering and good growing habits	2.50	18.00
SANHICAN'S SWEETHEART. (S.C.) Color ochreous buff suffused rose-red, this is a fine companion for Baby Royal. Low growing bushes always covered with blooms	1.25	8.00
SYLVIA. (F.D.) Garnet red with fine stem. A good grower	1.25	8.00

## Un-Named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, variegated and lavender, strong divisions of field roots, per 1,000, \$50.00	.85	6.00
Mixed strong division, per 1,000, \$30.00	.50	3.50

Less than six tubers at double the 100 rate.





HEART'S DESIRE

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1 field grown, dormant plants.

Ten or more of one variety take the 10 rate; 30 or more of one variety take the 100 rate.

All prices are F. O. B. Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

## PATENTED ROSES

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

**Blaze. Cl.** (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

**California.** (Pat. No. 443.) Sensational new rose of unusual coloring, ruddy orange toned with saffron yellow. Buds long and pointed, flowers of enormous size, often five inches in diameter. Vigorous grower; healthy foliage; very fragrant. Each, \$1.00; 10, \$9.00; 100, \$75.00.

**Charlotte Armstrong.** (Pat. No. 455.) The long, slender, blood-red buds open into magnificent, brilliantly colored flowers, spectrum-red in cool weather, cerise in hot weather. Blooms on long stems, very lasting when cut. Each, 75c; 10, \$7.00; 100, \$60.00.

**Crimson Glory.** (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 60c; 10, \$5.50; 100, \$50.00.

**Donald Prior.** Floribunda. (Patent No. 377.) Large, semi-double bright scarlet blooms. Each, 50c; 10, \$4.50.

**Doubleblooms. Cl.** Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, 60c; 10, \$5.50.

**Eclipse.** (Patent No. 172.) Internationally famous Rose of new form. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 75c; 10, \$7.00.

**Flash Cl.** (Patent No. 396.) Vividly colored new climbing orange-scarlet, back of petals yellow, suffused scarlet. Prolific bloomer for several weeks. Each, 60c; 10, \$5.50.

**Grand Duchesse Charlotte.** (Pat. Rights Reserved.) A real aristocrat that has long streamlined buds of magnificent Morocco red, a color never before seen in the Rose World. The artistically curved petals of the full blooms do not fade, but gradually merge from a dusky coral red to a lovely coral rose. An All-American Rose Selection for 1943. Each, \$1.00; 10, \$9.00; 100, \$75.00.

# Roses for Florists

PATENTED ROSES—Continued

**Heart's Desire.** (Patent Rights Reserved). The No. 1 Rose of the 1941 "All-America Rose Selections." Its color is a pure even shade of luminous red which does not blue or burn and it is very fragrant. Vigorous grower with rich foliage and quantities of flowers on long cutting stems all season. Each, \$1.00; 10, \$9.00.

**Mabelle Stearns.** (Patent No. 297.) Rosa Setigera Hybrid Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, \$1.40; 10, \$12.50.

**Mary Margaret McBride.** (Pat. No. 537.) Deliciously fragrant new rose with long-pointed buds which gradually unfold to large, full double, high centered blooms of lovely coral-pink fused with a shimmering gold at the base. Excellent for cutting. All-American Rose Selection for 1943. Each, \$1.00; 10, \$9.00; 100, \$75.00.

**Pinocchio Floribunda.** (Pat. No. 484.) A real find in Floribundas, beloved by all who have seen it. It is a profuse bloomer in Immense clusters with delightful flowers of a changeable two-tone deep salmon-rose color. Its buds are long and pointed and the open flowers like miniature hybrid teas. Excellent for corsage and unusual cut-flower arrangements. Each, 75c; 10, \$7.00; 100, \$60.00.

**Rex Anderson.** (Patent No. 335.) Beautiful new white with an overcast of ivory. Handsome buds and large blooms. Each, 75c; 10, \$7.00.

**Santa Anita.** (Pat. Applied for.) A crystal clear, peach blossom pink of delicate scent. The long pointed buds are near perfection in form and the strong plants bloom recklessly even in the hottest weather. Each, 60c; 10, \$5.50; 100, \$50.00.

**Signora.** (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 60c; 10, \$5.50.

**Sterling.** (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 60c; 10, \$5.50; 100, \$50.00.

**The New Dawn. Cl.** (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

**Thor. Cl.** (Pat. No. 387.) Brilliant scarlet-red of the same shade as Crimson Glory. The flowers are perfectly formed, are 4 to 5 inches across and have 55 to 60 petals. They are produced abundantly and are just as handsome as a Hybrid Tea Rose. Good disease resistant foliage. Hardy without protection in the Temperate Zone. Each, \$1.75; 10, \$15.00.

**Will Rogers.** (Patent No. 256.) Fine blooms of black crimson maroon which holds well. Very vigorous and has a really intense old-rose fragrance. Each, 60c; 10, \$5.50.

### Everblooming Hybrid Tea Roses

PRICES of the following 2 yr. No. 1 dormant. Each, 45c; 10 of one variety, \$3.80; 100, \$34.00.

**Autumn.** Large handsome buds, full double fragrant blooms of gorgeous burnt orange, streaked and marked with red.

**Betty Uprichard.** Semi-double, salmon-pink flowers stained with copper-pink on the outside.

**Caledonia.** Long, pointed buds opening into very large, double, high-centered snowy white blooms.

**Dame Edith Helen.** Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

**E. G. Hill.** Long, perfectly formed buds and full double flowers of dazzling scarlet.

**Etoile de Hollande.** A brilliant dark red rose of magnificent size and perfect form; very fragrant.

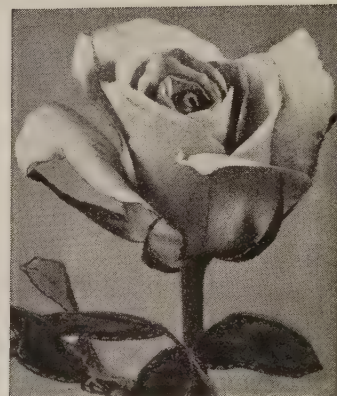
**Golden Dawn.** Very double, fragrant flowers of soft lemon-yellow. Very fine garden variety.

**Gruss an Teplitz.** Brilliant red. One of the most prolific bloomers of all.

**Joanna Hill.** A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

**Kaiserin Auguste Viktoria.** Delicate creamy white flowers of beautiful form.

**Margaret McGredy.** A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.



McGREDY'S SCARLET

Everblooming Hybrid Tea Roses—Continued

**McGredy's Scarlet.** Large flowers of brilliant rose-red with scarlet sheen.

**Mme. Butterfly.** A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

**Mme. Edouard Herriot.** Large semi-double flowers of brilliant orange-red and salmon. Good forcing variety.

**Mme. Jules Bouche.** Very popular garden variety, always in bloom. White, sometimes lightly tinted pink. Fragrant.

**Mrs. Charles Bell.** (Shell-Pink Radiance.) Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

**Mrs. E. P. Thom.** Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

**Mrs. Henry Bowles.** Well formed, fragrant flowers of brilliant pink with salmon shadings.

**Mrs. Pierre S. Du Pont.** Reddish gold buds opening into unfolding deep golden yellow flowers. Fragrant, always in bloom.

**Pink Dawn.** Extra long buds of glistening rose pink, excellent for cutting. Heavy bloomer. Sweetly fragrant.

**President Herbert Hoover.** A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

**Radiance.** Bright rose-pink, shining flowers of wonderful shape and fragrance. Very popular.

**Red Radiance.** A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

**Souv. de Mme. C. Chambard.** Large, perfectly formed flowers of coral-pink, tinted peach.

**Souv. De Claudius Pernet.** The most popular clear yellow rose.

**Talisman.** A remarkable blending of gold, apricot, yellow, deep pink and old-rose.

### SPECIAL TRIAL OFFER

OF  
EVERBLOOMING HYBRID TEA ROSES  
AND  
No. 2 CLOVERSET POTS

25 Roses in 5 varieties.....	} both for \$10.50
25 Cloverset Pots No. 2.....	
50 Roses in 5 varieties.....	} both for \$20.00
50 Cloverset Pots No. 2.....	
100 Roses in 10 varieties.....	} both for \$39.00
100 Cloverset Pots No. 2.....	

Popular Roses, such as Autumn, Betty Uprichard, Cynthia, E. G. Hill, McGredy's Scarlet, Mrs. E. P. Thom, Joanna Hill, Mme. Edouard Herriot, Mrs. Henry Bowles, Mrs. Pierre S. Dupont, Southport, Talisman, etc., included in this offer.

For prices of Cloverset Pots, see page 87.

### MEDIUM GRADE ROSES

For those that like a smaller Rose than our heavy No. 1 grade, we can offer the following varieties in a 2 year medium or No. 1 1/2 grade: Betty Uprichard, \*Christopher Stone, Condesa de Sagast, Editor McFarland, Etoile de Hollande, Gruss an Teplitz, Joanna Hill, \*Mme. Joseph Perraud, Mme. Jules Bouche, Mrs. E. P. Thom, Picture, Radiance, Red Radiance, Southport and Talisman. 10 of one variety, \$3.00; 100, \$24.00. (Varieties marked with \* 5c each higher).



# Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

**Pattern 1900, No. 5 Radiance Ribbon.** Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, \$1.00. Box of 20 spools at 95c spool.

**Tidy Tie Pot Tie Ribbon.** A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width 3/4 inch. Per bolt, 60c; 10 bolts for \$5.50.

**Picot Edge White Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 75c; 10 spools for \$6.50.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 70c; doz., \$7.20.

**Tinsel Ribbon.** 3/4 inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.25; 10 spools, \$11.00.

**Plain 3-Stripe Imported French Chiffon.** Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 6c; 6-inch, per yard, 8c; in 6-bolt lots, 7 1/2c per yard.

**Dotted Chiffons, all shades.** In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 9c.

**Corsage Pins.** Pearl heads, finest made, assorted colors. Per gross, \$1.35.

**Corsage Ties (Cord and Tassels).** Per doz., 75c; per gross, \$7.20.

**Metaline.** This ribbon has a bright metallic lustre with striped edges, width 5 1/2 inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.35; ten bolts, \$13.00.

**Ribbonzine Crinkle Baby Ribbon No. 1.** For tying cards. All colors. 500-yard spool, 95c; doz. spools, \$10.80.

**Valley Pattern Chiffon.** Pink, white, lavender and purple. 6-inch, per yard, 9c. Six bolts at 8 1/2c per yard.



**Special Metaline.** Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt \$1.25; 10 bolts for \$12.00.

**Rubberized Shoulder Shields.** Per doz., 85c; gross, \$9.00.

**Corsage Shields, Shoulder or Wrist Shields.** Chiffon edge. Per doz., \$1.50; per gross, \$15.00.

**Waist Shields.** Chiffon edge. Corsage large, medium and small. Per doz., \$1.75; per gross, \$18.00.

# Glazing Tools and Materials

**VITASPLASTIC TIRE COATING.** Prevents cracks in tires, permits retreading. A war discovery. Dries quickly. Makes tires look new. Tire can be used from fifteen to thirty minutes after application. Can also be used on running boards, floor mats, top dressing, rubber hose, shoes, and other rubber items. Price per pint, \$1.00; 12 pints for \$8.00; gallon, \$6.95.

**GARLANITE** The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.40 per gal.; kegs, 10 and 20 gals., \$2.50 per gal.; 5-gal. kegs, \$2.70 per gal.; gal. cans, \$2.75. 10 gals. or more prepaid.

**GARLAND WHITE SHADING COMPOUND.** 25 lbs. is equivalent to 2 gals. 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$13.00; 200 lbs., \$24.00; 300 lbs., \$35.00; 500 lbs., \$55.00, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

**TAMM'S SHADING COMPOUND.** Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

**VAUGHAN'S GREENHOUSE BULBING CEMENT.** A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.

**MODEL "O" SAFETY GLAZING GUN.** Gratis with 40 or 60-gal. drum of glazing cement. Each, \$5.50.



**VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint.** Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, \$3.50; 5 gallons, \$17.50. Freight prepaid on 10 gallons or more.

**Vita Bedding Compound.** An excellent elastic compound for rebedding. Gal., \$2.75; 5-gal. pails, \$12.50; 10 gals. or over prepaid.

**PUTTITAPE.** A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., \$3.50; per 1,000 ft., \$30.00.

**SEAL-A-SEME.** For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., \$7.50.

**GLAZING PUTTY, Gun Grade.** A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., \$1.95; 5 gal. can, \$9.25; 30 gal. drum, \$52.50.

**PUTTYROPE.** A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., \$1.00; 300 ft., \$2.50. Postpaid, 1,000 ft., \$5.00. F. O. B. Pana, Illinois.

**TROJAN ROLLER TYPE GLASS CUTTER.** Doz., \$2.50; each, 25c.



**PUTTY KNIFE, No. 120.** A very good tool. Each, 45c; 3 for \$1.25.

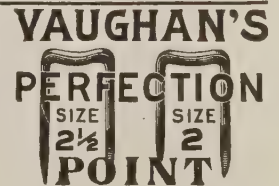
**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.50.

**GLAZING POINTS, Vaughan's Perfection—No rights or lefts.**

No. 2. For large single thick glass. No. 2 1/2. Double thick, for greenhouses and skylights.

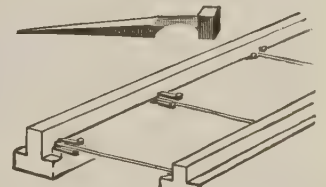
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2 1/2. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.



**SIEBERT'S IMPROVED.**

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, 5/8 and 3/4 inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of 5/8 in; over 1,000 points in 1-lb. pkg. of 3/4 in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.25.





# Supplies for the Florist Shop

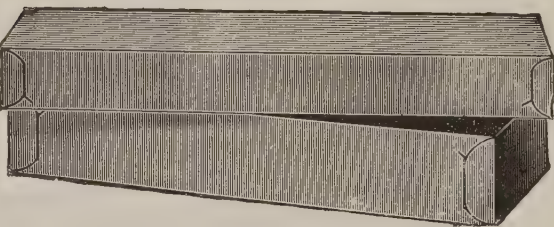
## CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.75.

When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE.



Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 25	Per 100	100	Size in inches	Weight Per 25	Per 100	100
18 x 5x3	\$1.40	35 lbs.	\$4.65	5x24x8	\$2.25	70 lbs.	\$ 8.90
3 x 21x5	1.50	40 lbs.	5.00	5x28x8	2.75	90 lbs.	9.45
3 1/2 x 24x5	1.75	50 lbs.	5.85	5x36x8	3.50	125 lbs.	12.95
3 1/2 x 30x5	1.90	65 lbs.	6.50	5x42x8	4.60	165 lbs.	17.50

## FLORAL DESIGN BOXES. Mist gray.

No.	Size	Per 25	Per 100	No.	Size	Per 25	Per 100
No. 25.	7x36x12	\$6.50	\$24.95	No. 27.	8x20x20	\$6.50	\$25.50
No. 26.	8x36x14	7.00	27.00	No. 28.	8x24x24	8.75	33.00

Packed 25 complete per bundle.

## CORSAGE BOXES. Shallow lid, mist gray.

Size	Per 25	Per 100	Size	Per 25	Per 100
8x5x4	\$1.10	\$3.60	12x8x5 1/2	\$1.75	\$6.50
10x6x5 1/2	1.40	5.10			

Write for Special Discounts on quantity orders.

## FLORALIFE

Helps flowers live longer. In handy display cartons. Price, 25 10c pkts., \$1.25; carton of 100 pkgs., \$4.85; your selling price, 10c per pkg.; handy home size retails at \$1.00 each. Price six cans for \$3.50. 100 qt. size, retails for \$3.00; 6 for \$10.50.



250 quart drum \$ 4.00  
1000 quart drum 13.50

500 quart drum \$ 7.50  
2000 quart drum 25.00

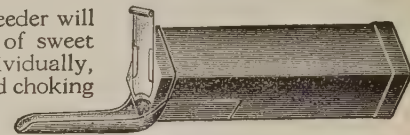


## SATIN SHEEN FLOWER POT WRAP

The new economical and attractive covering for pot plants. Can be had in green, gold, red, fuchsia, orchid, purple, blue and silver shades. Put up in rolls 20-inches wide, 50 ft. long. Price per roll, \$1.00; 5 rolls for \$4.75; 10 rolls for \$9.00.

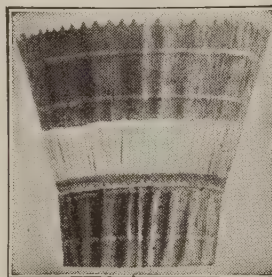
## New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work



because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for \$1.50; doz., \$5.40; retails at 60c each.

## STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.



Size	Doz.	100
5 in.	\$0.90	\$ 6.25
6 in.	1.10	8.00
7 in.	1.50	9.50
8 in.	1.60	10.50

## Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

**Pure White Glazed Florist Tissue.** The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), \$1.50; 10 reams (4,800 sheets), \$13.00; F. O. B. New York, ream (480 sheets), \$1.75; 10 reams (4,800 sheets), \$14.50.

**White Wax.** Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$2.25; F. O. B. New York, 480 sheets, \$2.65.

**Green Wax.** Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$2.35; 10 reams for \$17.50; F. O. B. New York, 480 sheets, \$2.75.

**Green Wax Wreath Rolls.** Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$2.35; 3 boxes for \$6.75.



**Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 30c; per doz., \$3.50; 25 rolls, \$7.00.

**Kraft Wrapping** in rolls, all weights and sizes. Price, per lb., 10c; green Kraft plain, any size roll, per lb., 8c.

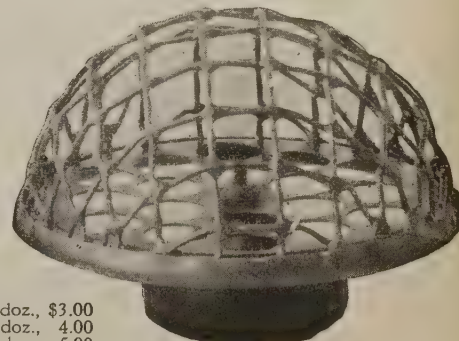
**PAPER CUTTERS,** 24, 30 and 36-in. Price, complete, \$3.25.

**MATS, Imported Japanese Chip.** Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$7.25; 500 for \$35.00.



## SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.



3-inch diameter	Per doz.,	\$3.00
4-inch diameter	Per doz.,	4.00
5-inch diameter	Per doz.,	5.00



# Prepared Leaves, Bouquet Material

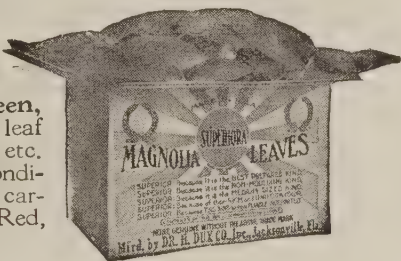
**IMMORTELES, Colored.** White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 70c; doz., \$6.60.

**Natural (Yellow),** bunch, 70c; dozen, \$6.60.

Write for prices on larger quantities.

**MAGNOLIA. Bronze, Green,**

**Purple.** Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.70; 6 at \$1.65 each; Red, per carton, \$1.95.



STATICE

**STATICE NATURAL**

**WHITE.** Used extensively in Wreaths and Baskets. Natural, per lb., 95c; 10 lbs. for \$8.00.

**GYPSOPHELIA**

(Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 80c; 10 bunches for \$7.25.

**COLORED GYPSOPHELIA.**

Rose-pink, orange, Nile green, yellow, blue, and violet. Per bunch, \$1.00; 6 bunches for \$5.70.

**GRASS RUG or MATS (RAFFIA)**

Green, finest quality. 72 inches long, 36 inches wide. Each, \$3.50; doz., \$37.50.



**UNWIRED PICKS.**

4 -inch Green.....Box of 4,000 \$2.00  
6 -inch Green.....Box of 3,000 2.00

**MATCH or HYACINTH STICKS.** Dyed green; 5-inch, 65c; 12-inch, \$1.50; carton of 9000, \$12.20; 18-inch, \$2.00 per 1000; carton of 6000 at \$10.85.

**TWINE "The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$3.25. Write for prices on larger quantities.

**LYCOPODIUM.**

Prepared. 10 lbs. to carton, \$2.15; 25-lb. carton, \$5.25.

**OAK LEAVES. Pre-**

**pared.** Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.35; 6 cartons, \$1.25 each.

**TRANSPARENT OAK BRANCHES.**

Dr. Dux Autumn or Red. Per lb., \$1.15; 5 lbs. for \$5.50; 10 lbs. for \$10.50.



GYSOPHILA

**Florists' Thread, Green.**

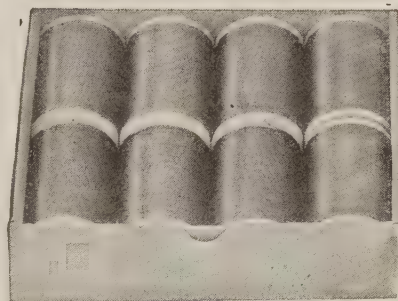
Myers' best brand. Similar to Silkline, 8 spools to a box. Per lb. box, \$1.10; 10 boxes at \$1.05 per box.

**Green Sea Island Twine.**

Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 95c; 5 boxes at 90c per box.

**Green Sea Island Twine.**

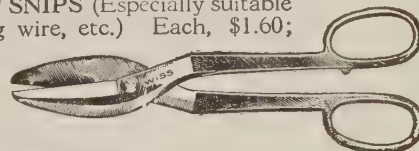
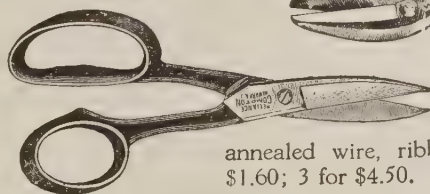
2 lbs., per cone, \$1.80; 3 cones for \$5.25.



**BULL DOG CLIPS.** The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.75.

Prices Subject to Change Without Notice.

**FLORISTS' SNIPS** (Especially suitable for cutting wire, etc.) Each, \$1.60; 3 for \$4.50.



**Improved Dental Snips.** For cutting

annealed wire, ribbons, chiffon, etc. Each, \$1.60; 3 for \$4.50.

**TERRA COTTA GRASS GROWING HEADS**

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., \$3.00, packed 24 to a carton at \$5.80 per carton. Retail at 40c each.

We can also supply the larger heads, "Buddy" with seed at doz., \$3.85; per carton of 24, \$7.20. Retail at 50c.



**MOSS FILLED WREATHS AND DESIGNS**

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.



**Spray Bars**

3 1/2 ins. wide, 2 ins. thick			
Length	Each	Length	Each
8 ins.	\$0.10	20 ins.	\$0.18
12 ins.	.11	22 ins.	.19
14 ins.	.12	24 ins.	.21
16 ins.	.14	30 ins.	.24
18 ins.	.16		

**Spray Bars**

4 1/2 ins. wide, 2 1/2 ins. thick			
Length	Each	Length	Each
18 ins.	\$0.24	36 ins.	\$0.42
24 ins.	.29	42 ins.	.46
30 ins.	.36	48 ins.	.50

**Spray Bars**

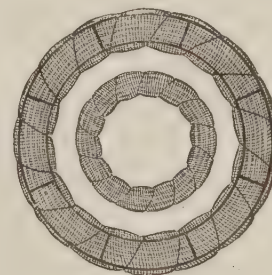
6 ins. wide, 2 1/2 ins. thick			
Length	Each	Length	Each
24 ins.	\$0.35	42 ins.	\$0.55
30 ins.	.40	48 ins.	.70
36 ins.	.45		

**Crosses**

Size	Each	Size	Each
18-in.	\$0.32	30-in.	\$0.60
20-in.	.36	33-in.	.70
22-in.	.40	36-in.	.95
24-in.	.45	42-in.	1.40
27-in.	.50	48-in.	1.75

**Hearts—Solid**

Size	Each	Size	Each
16-in.	\$0.45	24-in.	\$0.90
18-in.	.60	27-in.	1.15
21-in.	.75		



**Wreaths**

Size	Each	Size	Each
10-in.	\$0.15	24-in.	\$0.40
12-in.	.17	27-in.	.50
14-in.	.20	30-in.	.70
16-in.	.24	33-in.	.90
18-in.	.28	36-in.	1.10
20-in.	.32	42-in.	1.75
22-in.	.36	48-in.	2.50

**Pillows**

NEW IMPROVED

Size	Each	Size	Each
16 ins.	\$0.65	24 ins.	\$0.95
18 ins.	.75	27 ins.	1.20
21 ins.	.85	30 ins.	1.45

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.



# Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.



**DOG-CHECK.** The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. Packaged in handsome glass containers. 3 oz. size, 50c; display carton of 12, \$3.60; 3 oz. size complete with sprayer, 60c; display carton of 12, \$4.32; 8 oz. size, complete with sprayer, \$1.00; display carton of 12, \$7.20.

**ANT-"X" JELLY BAIT.** Tubes, garden size, 35c; display carton of 12 tubes, \$2.52.

**ANT-"X" TRAPS.** Death box. 300 grain size for grease and sweet eating type ants, each 25c; display carton of 12 traps, \$1.80.

**RAT-NOTS.** The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

**MOUSE-NOTS.** Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

**MOLE NOTS.** Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., \$2.52; estate size contents, 50 Nots, \$1.00; doz., \$7.80; jumbo size, contents 125 Nots, \$2.00; doz., \$14.40; gardener size, contents 400 Nots, \$5.00; doz., \$36.00.  
5% discount on orders of six display cartons of the above.

**WHITE ENVELOPES, PLAIN.** Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

**SCOTCH CELLULOSE TAPE DISPENSER.** Heavy duty, each, \$1.35; weight, 8 lbs.



**TAPE TRANS-PARENT**

¼ in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

½ in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.

**WOOD EASELS**

Strong, well made, finished in white, green and lavender.

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch.	.40c	\$4.20	54 inch.	.60c	\$6.00
42 inch.	.45c	4.95	60 inch.	.65c	6.95
48 inch.	.55c	5.40	66 inch.	.70c	7.20

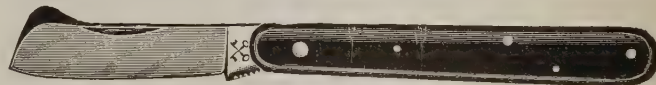
**SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.**

None better. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. 6 in. high, \$1.45; 3 for \$4.25.



## FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



**No. 5A** Each 3 for  
**Budding, No. 5A.** Black handle; brass lined. . . . \$2.25 \$6.50  
**Budding, Beech Wood Handle.** Per doz., \$4.50 . . . . .45 1.25



**No. 801** Each 3 for  
**Budding, Aluminum Handle (Imported), No. 801** . . . \$2.25 \$5.50  
**Propagating, No. 1011.** Aluminum handle (imported).  
 Each, \$2.25; 3 for \$5.50.



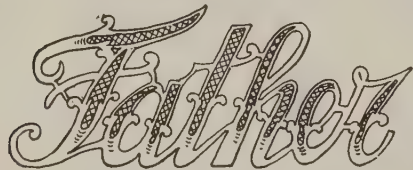
Vaughan's Florist (Patterned after Henckel's which cannot be had.)  
**Vaughan's Florist**—3 for \$3.75. . . . . Each \$1.35  
**Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W.** 3 for \$7.00 . . . . . 2.50  
**Henckel's Nurseryman's Extra Heavy Pruner, No. 3C.** . . . 3.00  
**Putty Knife**—No. 120, a very good tool; 3 for \$1.25 . . . Each .50  
**Pruning, Stag handle.** . . . . . Each, 2.25

**Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, \$1.35; doz., \$14.40.**




**White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$1.35; 3, \$3.75.**

**RUBBER APRONS.** Each, \$2.75



RUBBER APRONS

## Letters and Figures

**BOSTON SCRIPT.** Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

**GOLD SCRIPT WORDS.** Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, \$1.95; per 1,000 words, \$16.00.

**GILT RIBBON LETTERS.** Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, \$2.25.

**CARDS FOR ALL OCCASIONS**

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

**CARDS WITHOUT CABINET.**

250 assorted at . . . . . \$1.25 | 1000 assorted at . . . . . \$3.50  
 500 " " . . . . . 2.00 | 2000 " " . . . . . 6.75



# Thermometers for Florists

## THERMOMETERS.

8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.75; 3 doz., \$7.75.

**Tin Case.** Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.15; 3 for \$2.75; doz., \$12.00.

**Self Registering Tycos.** No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$7.50. Three for \$21.00.

**Self Registering.** No. 5454, complete with magnet for setting. Each, \$5.00. Three for \$14.25.

**Taylor Utility Thermometer.** White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, \$1.00; three for \$2.75; doz., \$10.00.

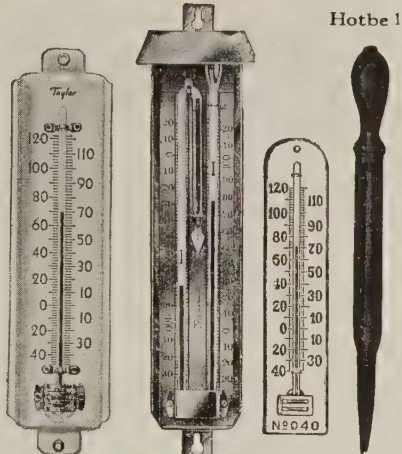
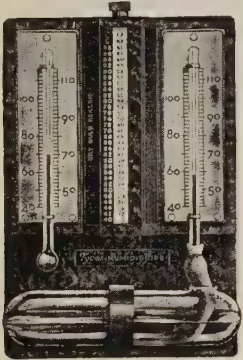
**No. 5132.** Same as above. 7½ inch. Each, 75c; doz., \$7.80.

**Hotbed (Mushrooms).** Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.25.

**No. 40. Greenhouse.** White porcelain steel frame enameled. Black scale and figures, range 20 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.

### No. 5534 HUMIDIGUIDE

Permcolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, \$4.50. Wicks for Humidigide, per dozen, \$1.00.



Taylor Self Registering No. 40

## PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

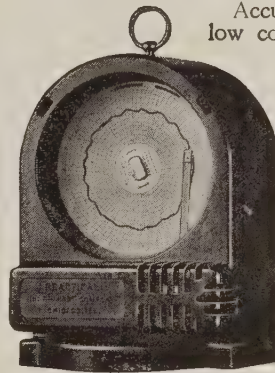
Three models for various temperature ranges.

**Model A36,** measures from 30° to 60° F.

**Model B105,** measures from 10° to 50° F.

**Model B410,** measures from 40° to 100° F.

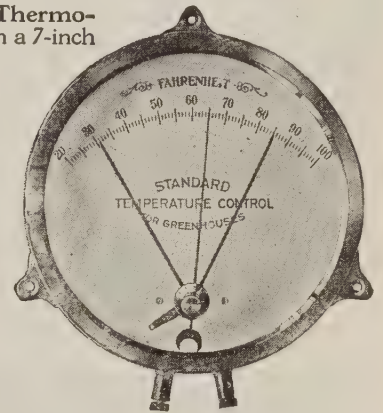
Price all models, each, \$18.75. Write for descriptive pamphlet. Charts, 100 for \$1.50. Ink, special non-clogging, bottle, 25c.



**Standard Recording Thermometer No. 200.** Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$50.00.

**Standard Greenhouse Thermostat.** No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$18.00. Shipping weight, 4 lbs.

**Standard Greenhouse Thermostat.** No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$12. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



### SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$8.00.

## Jardiers and Vases

**Jardier Pot Covers.** Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinières. Save time and labor over other methods of trim.

### JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5¼ in.	100	\$ 8.00
No. 5.....	6¼ in.	80	10.00
No. 6.....	7¼ in.	50	13.00
No. 7.....	8¼ in.	35	20.00

(EXAMPLE: Use No. 5 Jardier for a 6-in. Pot.)

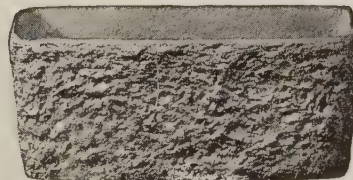


### JARDIER BULB BOX

**No. 3 (or 3 in 1)**—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. \$20.00 per 100, packed 50 per carton.

**NOTE**—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

### THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-

aerating—same as Jardier Vases—stimulating plant growth. No. 4—12 in. long—5 in. wide—4½ in. deep. \$20.00 per 100—50 per carton.

**Standard Color—Green Special Color—White with Gold Trim.**

### JARDIER VASES

**Standard Colors—Green—Lavender—With Duo-Tone Finish.**

### THE COLONIAL

**Standard Colors—Green with Duo-Tone Finish. Special Colors—White with Gold Trim.**

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.



Colonial



# Hotbed Supplies

**SASH, Hotbed.** Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.60; 3 for \$7.05; doz., \$25.20. Glazed, double strength, each, \$5.35; doz., \$54.60. Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

40c crating charge when less than four glazed sashes are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



**VITAPANE GLASS SUBSTITUTE.** Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$9.25; 5 roll lots at \$7.40 per roll; when purchased for re-sale, \$6.20 per roll.

**CEL-O-GLASS.** Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.35; 100-ft. roll, \$30.50. 28 inches wide, 100-ft. roll, \$24.25.

**WINDOW FABRIC. Vio-Ray.** The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 27½c.

**HOTBED MATS.** These mats are made up out of strong woven duck material for the top, and an even batt of cotton felt treated, for the filling, and the bottom well woven burlap, these mats are stitched in squares to assure durability and to give the proper protection. Size 40x78 inches, each, \$3.35; doz., \$37.80. Size 78x80 in., each, \$5.60; doz., \$63.00.

**GLASS WOOL.** Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, \$6.50; three cartons for \$18.75.



Write us for prices on Hotbed Heating Cable and Thermostats.

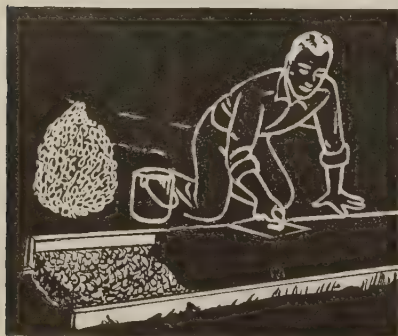
## SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for \$2.15; 10 rolls for \$4.00; 25 to 49 rolls at 37c roll; 50 rolls or more at 35c roll.

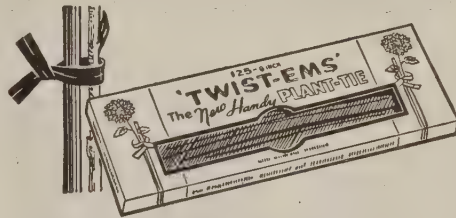


## U-MIX-IT

Pulverized Asphalt—A new, low-cost, water-proof compound. Has a multitude of uses. No waste; you mix it as you need it. Can be used for tree surgery, roofing, cellar windows and walls, cracks in concrete in fish pools; a handy material for sealing cracks in tanks, dams, silos, etc. You can make your own water-proof plastic putty with U-Mix-It. One gallon costs about 25c and will putty 300 lineal feet of glass ¼" x ¼". Packaged in 1-lb. boxes at 25c; 5 lbs. for 75c; 15 lbs. for \$1.50; and 100 lbs. for \$8.00.



# Plant Supports



## TWIST-EMS

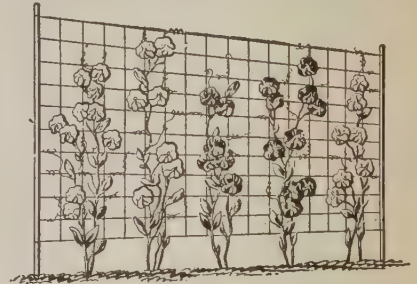
New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come un-

fastened. Tape protects stem against injury. Price: 4-inch, per 1000, \$1.00; 5000 lots at 90c per 1000; 10,000 to 25,000 lots 85c per 1000; 6-inch, per 1000, \$1.15; 5000 lots at \$1.05 per 1000; 10,000 to 25,000 lots at 95c per 1000. 8-inch, per 1000, \$1.25; 5000 lots, \$1.10 per 1000; 25,000 lots \$1.05 per 1000. 16-inch, per 1000, \$2.25; 5000 lots at \$2.00 per 1000; 10,000 to 25,000 lots at \$1.90 per 1000. Freight Prepaid in lots of 25,000 or over.

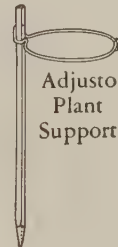
Retail pkgs. Consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

## TRAIN-ETTS

New weatherized trellis netting. Ideal support for Sweet Peas, Morning Glories or any of the light climbing vines. Made in three sizes. No. 1, 60x72 in., each, 45c; doz., \$3.60. No. 2, 60x96 in., each, 55c; doz., \$4.40. No. 3, 60x180 in., each, 75c; doz., \$6.00.



## ADJUSTO PLANT SUPPORT



Has a unique self-locking adjustable feature causing the hoop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake 7/8 inch square will stand firmly in the ground. The hoop is of 8 gauge galvanized wire, 13 inches in diameter, and may be opened up to put around large plants. 3 ft., doz., \$3.00; 4 ft., doz., \$3.50; 5 ft., doz., \$3.85; extra wire hoops, doz., \$1.65.

## REEDS. Extra White, prime quality.

	Per lb.	5 lbs.	Per lb.	5 lbs.	Per lb.
No. 1.....	\$0.85	.....	\$0.80	No. 5.....	\$0.65
No. 2.....	.80	.....	.75	No. 6.....	.60
No. 3.....	.75	.....	.70	No. 7.....	.60
No. 4.....	.70	.....	.65	¾-inch Flat..	.75

**RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5-lb. lots, per lb., 72c; 10-lb. lots, per lb., 70c; 25-lb. lots, per lb., 68c; 100 lbs., per lb., 66c. Bale lots (about 225 lbs.), per 100 lbs., \$64.00.**

**Dyed**—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

Above prices subject to change without notice.

## SPHAGNUM AND SHEET MOSS

**VAUGHAN'S CLEAN SPHAGNUM FOR FLORISTS**

**Burlapped Bales**

## SPHAGNUM MOSS.

Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

**Burlapped Bales.** (45x14x16 inches). **F. O. B. Wisconsin Points.** For car-loads, write us.

Prices Subject to Change Without Notice.

	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales.....	Each, \$1.50	
6 to 10 bales.....	1.40	Each, \$1.30
11 to 24 bales.....	1.35	1.25

New York Prices 35c per bale higher. Cartage Free.

**Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, \$1.45; 5 sacks, \$6.75.**

Order Early, as the Above Prices are Expected to Advance



# Pots, Tubs, Vases, Wheelbarrows

Prices on pots subject to change without notice



## IMPROVED NEPONSET PAPER FLOWER POTS.

The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.55	\$ 3.60	\$ 3.75	1,000	10 lbs.
2½	.60	3.70	3.90	1,000	12 lbs.
2½	.70	3.95	4.10	1,000	16 lbs.
3	1.10	4.60	4.80	1,000	24 lbs.
3½	1.15	5.90	6.10	1,000	34 lbs.
4	1.30	7.20	7.20	500	46 lbs.
5	1.85	9.65	9.65	500	74 lbs.
6	2.40	12.50	12.45	500	102 lbs.

## FLOWER POTS, Standard Red F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate	Lots Only	No. of Pots in Crate	Price per 100
2	in.	1,500	117	\$ 6.85
2½	in.	1,200	99	11.35
3	in.	800	50	16.25
4	in.	360	28	24.95
5	in.	240	24	33.50
			6	68.00

**NEPONSET GREEN POTS—For Growing.** This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	per Case Quan.	per Carton Shipping Wt.	Carton Price per
2 inch	1,000	14 lbs.	\$ 6.75
2½ inch	1,000	16 lbs.	6.95
2½ inch	1,000	22 lbs.	8.00
3 inch	1,000	28 lbs.	9.35
4 inch	500	26 lbs.	6.50
5 inch	500	44 lbs.	9.25
6 inch	500	62 lbs.	12.40

### BULB PANS

Size	Doz.	Per 100
5 inch	\$0.95	\$4.95
6 inch	1.10	6.85
7 inch	1.95	11.35
8 inch	2.60	16.25
10 inch	4.60	33.50

**CLOVERSET PLANT POTS.** An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much

handling; made in four sizes, packed 100 to a carton.

### STANDARD HEAVY WEIGHT CLOVERSET POTS

No.	Height	Top Diameter	Bot. Diameter	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0	5 inch	5 inch	4½ inch	35 lbs.	\$2.70	\$24.25	\$22.50
1	6½ inch	6 inch	5½ inch	52 lbs.	4.50	38.60	35.00
2	9½ inch	7 inch	6½ inch	77 lbs.	5.25	44.00	40.00
3	9 inch	8 inch	7½ inch	88 lbs.	5.60	49.50	45.00

### SPECIAL LIGHT WEIGHT CLOVERSET POTS

No.	Height	Top Diameter	Bot. Diameter	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0	5 inch	5 inch	4½ inch	15 lbs.	\$2.25	\$20.00	\$18.50
1	6½ inch	6 inch	5½ inch	18 lbs.	3.25	29.00	27.50

## A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	\$ 6.25
255	6½ in.	5½ in.	12 in.	8.25
257	6½ in.	5½ in.	15 in.	9.25
57	5 in.	3½ in.	5 in.	5.25
59	6½ in.	5½ in.	7 in.	6.75
65	7½ in.	6½ in.	8 in.	7.75
66	9 in.	7½ in.	10 in.	9.50
68	9 in.	7½ in.	12½ in.	11.40
69	9 in.	7½ in.	18 in.	12.75
70	9 in.	7½ in.	24 in.	15.60



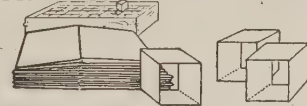
Galv. Vase

## AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch	117	9 inch	28
7 inch	99	10 inch	24
8 inch	50	12 inch	6



## A. B. C. DIRT BANDS



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton; special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1¼ x 1¼ x 2¼	12 lbs.	\$2.40	\$2.15 per 1,000
2 x 2 x 2	10 lbs.	2.25	2.00 per 1,000
2 x 2 x 2½	13 lbs.	2.50	2.25 per 1,000
2½ x 2½ x 2½	15 lbs.	2.75	2.45 per 1,000
3 x 3 x 3	22 lbs.	3.10	2.75 per 1,000
4 x 4 x 3	26 lbs.	3.75	3.40 per 1,000

## FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

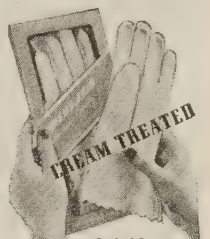


No.	Inside Top Diameter	Depth Inside	Price, Each	No.	Inside Top Diameter	Depth Inside	Price, Each
No. 1.	7 in.	6 in.	\$0.70	No. 9.	14 in.	13 in.	\$1.85
No. 2.	7 in.	7 in.	.75	No. 11.	16 in.	15 in.	2.10
No. 3.	8 in.	8 in.	.80	No. 13.	18 in.	17 in.	2.95
No. 5.	10 in.	9 in.	.95	No. 14.	19 in.	18 in.	3.50
No. 7.	12 in.	11 in.	1.20				

If handles are required, add 45c per tub.

## Kreme Skin Gloves

Made from soft and select hides. Semi-styled in design and used for both work and play—Gardening, Household, Driving, etc. Give full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladies' sizes only (small, medium, large). Price, \$1.00 per pair; doz. pair, \$9.00.

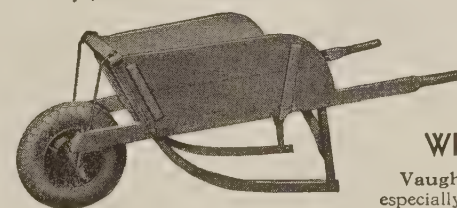


KREME-SKIN Gloves



## FILM GLOVE.

The new amazing lotion, greaseless, non-alcoholic, to protect your hands in the garden; for housework, factory, garage, etc. Apply liberally on hands and nails, allow to dry for an invisible stain; washes off with soap and water. Price, 3 oz. bottle, 40c; doz. \$3.20; 8 oz., 80c; doz., \$6.40; 16 oz., \$1.40.



## WHEEL-BARROW

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$10.50.

Equipped with a pneumatic tire and ball bearing wheel. Price, \$17.95. Shipping weight, 55 lbs.; with rubber wheel, 67 lbs.



## Labels for Plants Pots and Gardens

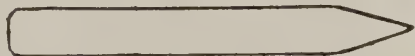
**ZINC TREE LABELS.** For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3/4 x 1/4 inches. Price per 100, \$1.50.

**COPPER LABELS.** Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

**EVERLASTING ZINC LABEL.** A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 60c; 500 for \$2.25.



**LABELS (Pot).** We carry the best quality of Wooden Labels made. They are smooth, strong and neat, 5/8 inch wide.



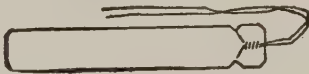
When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.75	\$2.10
5-inch.....	1000	1.95	2.35
6-inch.....	1000	2.15	2.65
8-inch.....	500	2.90	3.85
10-inch.....	500	3.95	4.85
12-inch.....	500	4.95	5.85

### GARDEN STAKES

8-inch—3/8 inch wide.....	250	4.85	5.85
10-inch—1/2 inch wide.....	250	5.85	6.85
12-inch—1 1/8 inch wide.....	1000	7.75	9.75

**LABELS (Tree).** Wooden, 3 1/2 in., wired. Per 1000, plain, \$2.00; 5,000 to 9,000, per 1,000, \$1.95; 10,000 or more, per 1,000, \$1.85; painted, per 1,000, \$2.50; 5,000 to 9,000, per 1,000, \$2.45; 10,000 or more, per 1,000, \$2.40.



**WEATHER-PROOF PENCILS.** For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



**GARDEN CHIEF MARKERS.** Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, put up in display carton of 12 markers, price 50c; per doz. pkgs., \$3.80; 18 inch marker, 25 for 95c; 100 for \$3.25.

**GARDEN CHIEF TREE OR SHRUB MARKER.** 4-inch copper wired. Per 100, for \$1.75; 500, for \$8.00.



**SIEVES.** For sifting soil. 18 inches in diameter, all sizes mesh from 1/8 to 1/2 inch. Each, \$1.60. Three for \$4.35.



### A New Weatherproof METAL PLANT MARKER

USE A PENCIL - No fade-out of your markings. Beauty, Strength, Permanence. Made of metal; green baked enamel finish. Slip-over fool-proof metal cap with non-shatterable transparent window.



Stake 7" long; ample white marking space 2 1/2" x 1 1/8".  
 12 markers..... \$0.90  
 25 markers..... 1.75  
 50 markers..... 3.35

### NEW STEEL WHITE CAP GARDEN MARKER.

The 9-inch double wire stickers are capped with a durable white zinc tablet 5/8 inch wide, 2 5/8 inch long. This name tablet is removable, either side may be written on; just bend the folded ends back, reverse and fold ends over securely. Lead pencil

marks stay on for years, yet can be erased if desired. Price, doz., 50c; 30 for \$1.00. Extra tablets, 55c per 100.

### SEED FLATS

Made from clean cypress, knocked down, put up in bundles of ten flats each.

No.	Inside Dimensions	Per Bundle of 10
No. 2	22 3/8 x 15 x 2 3/4 inches.....	\$2.75
No. 1	20 x 14 x 2 3/4 inches.....	2.40
No. 2-A	22 3/8 x 15 x 3 3/4 inches.....	2.90
No. 1-A	20 x 14 x 3 3/4 inches.....	2.75

## PLANT STAKES—A Full Line

### CANE STAKES.

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.45; 500 for \$6.00; per 1000, \$11.00; If shipped from New York, per 100, \$1.75; 500 for \$7.75. per 1,000, \$13.50. Special price on larger lots on application.

### Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1 1/2 feet.....	\$0.85	\$4.65	\$ 9.90	\$0.75	\$4.75
2 feet.....	1.10	5.90	10.50	1.00	6.20
2 1/2 feet.....	1.25	7.85	15.00	1.10	8.25
Natural. 6 ft.....	2.25	16.50	.....	.....	17.00
3 feet.....	1.50	8.75	17.00	1.30	9.00
3 1/2 feet.....	2.00	9.45	18.20	1.75	10.00
4 feet.....	2.25	10.75	20.50	2.00	11.25

Write for price in bale lots.

**Pipe Stems,** 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for \$1.35; 500, \$4.75; 1,000, \$8.00.

Write for price on green painted light and heavy wood stakes.

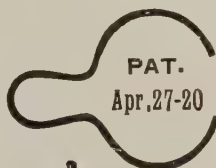
**Heavy Tonkin Stakes, Natural Colors.** Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. Chicago Per 100	F.O.B. New York Per 100
4 ft.	1/4 to 5/8 inch.....	\$7.75	\$7.50
4 ft.	5/8 to 3/4 inch.....	8.25	8.00
5 ft.	5/8 to 1 inch.....	9.00	8.50
6 ft.	5/8 to 1 1/4 inch.....	10.00	9.50
8 ft.	5/8 to 1 1/2 inch.....	11.50	11.00

**Galvanized Steel Wire Stakes.** Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 3%; 6,000 or more, 5% from 1,000 price. Write for prices on shorter or longer stakes.

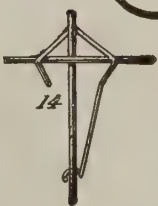
No. of Gauge—No. 9 Wire	Per 100	Per 500	Per 1000	Per 100	Per 500	Per 1000
3 ft.....	\$1.80	\$ 8.25	\$14.60	\$2.25	\$10.75	\$17.75
4 ft.....	2.15	9.75	17.25	2.75	12.25	22.00
5 ft.....	2.75	13.00	23.75	3.50	15.50	25.75
6 ft.....	3.25	14.75	26.75	4.20	16.75	29.95

**PLANT TIES Lighting Wire.** Per box of 1,000, \$2.00; 5 or more boxes, \$1.95 per box. Shipping weight per box, 2 lbs.



**LIP, Blake's New Loop Lever.** For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip.

Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

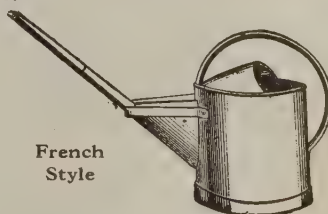


**STAKE FASTENERS.** Everlasting, packed 500 to a box, per box, \$1.30; 10 boxes or more, \$1.20 each.

**GRAFTING WAX.** Per 1/4-lb. bar, 20c; 1/2-lb. bar, 30c; 1 lb., 55c.

### EVER READY SMUDGE STOVE.

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Ea. 35c; dozen, \$2.80; 36 Smudge Stoves for \$8.00.



French Style



**WATERING POTS. American.** Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$5.65; 6-qt., \$6.10; 8-qt., \$6.65; 10-qt., \$7.25; 12-qt., \$7.95.

**French Style.** Oval, otherwise same make as above. 6-qt., \$6.75; 8-qt., \$7.25; 10-qt., \$7.95; 12-qt., \$8.85.



# Rubber Hose, Couplers, Nozzles, Etc.

## Vaughan's 3/4" Water Hose

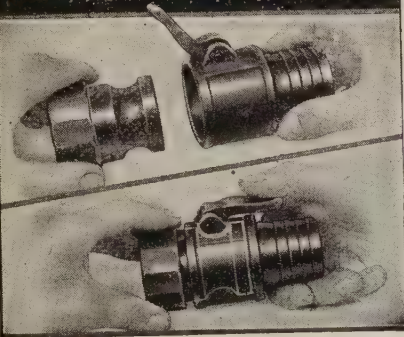
This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length.



5/8 in. Single Braid Hose. Price per 50 ft. length \$4.50.

Price 3/4 or 1/2-inch couplings 25c per set; sample mailed free if desired.

**JUST PRESS THE LEVER**—  
Instant, tight connection—  
a great time-saver!



**SPRAY HOSE.** For high pressure spraying. 3/8-in., per ft., 26c; 1/2-in., per ft., 30c.

**HOSE COUPLING.** Improved Ever-Tight.

No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., \$6.00.

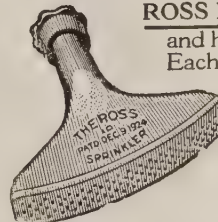
**HOSE STRAPS, Caldwell.** For 1/2, 3/4 and 1-in. hose. Doz., 40c; gross, \$3.75.

**GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.**



Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75; per doz., \$6.00.

**HOSE WASHERS.** 3/4-inch. Doz., 10c; gross, 50c.



**ROSS No. 10 SPRINKLER.** Is preferred by growers and home owners; capacity seven gallons per minute. Each, 85c; doz., \$9.00.

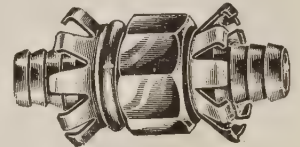
**Paradise Syringing Nozzle.** 10-inch, each, \$2.50; 13-inch, each, \$3.00; extra tips, each, 35c.

**PLASTIC CLINCHER HOSE COUPLING**

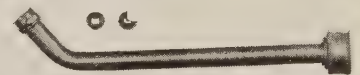
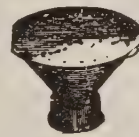
Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35c; doz., \$3.60.



**Plastic Clincher Hose Mender**  
Price each, 15c;  
doz., \$1.20.



**Boston Rose Spray Nozzle—**  
Brass. 3/4-inch hose. State whether coarse or fine spray is wanted. Each, \$1.45; by mail, \$1.55.



## PRUNING TOOLS

**SAWS (Atkins) Double-Edged Pruning.**

Ceiling Price  
16-in.. \$1.50  
18-in.. 1.65  
20-in.. 1.80



**TRIMMER, California Pole.** Curved, draw-cut saw with crook for removing branches. Each, \$2.50; 3 for \$7.25.

**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.35; 3 for \$6.75.

**Utility Speed Pruning Saw.** Length 26 inches, curved blade. Each, \$4.25.



**SHEARS, Pruning.** 6-in., \$1.75; 9-in., with ratchet, American made, best quality, \$1.85. Extra springs, ea., 15c.

**PORTER'S PROFESSIONAL PRUNING SHEAR.** A high grade shear tempered steel blade, 9 inch. Each, \$3.50.

**AMERICAN FULL POLISHED.** Pruning shear 9 inch with brass springs, each \$2.00.



**Snap Cut Pruner.** Full polished. Each, \$2.10.



**CLYDE DRAW CUT PRUNER.** No. 5402 heavy duty pruner, 24 inch reinforced handles, each \$3.50. Buckeye Pruners No. 5406, 20 inch handles, each \$1.60; 24 inch handles, each \$1.95.



**THE PORTER POINTCUT PRUNER**  
Light in weight, 2 1/2 lbs., 20 inches long. Easy to use in close places. Price, \$5.00.



**FORESTER PRUNERS**

No. 1—20 inches long, designed for the fruit grower. Each, \$5.00. Weight, 2 lbs. 10 oz.  
No. 2—27 inches long, has a capacity up to 1 1/2 inch in green wood. Price, \$6.25. Weight, 4 lbs. 10 oz.  
No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, \$7.25.

**IMPROVED TELEPHONE PRUNER. A**

strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1 1/2-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.75. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$11.50. No. 12 Pruner head only, \$6.50. Price complete with head pole and two 6-ft. extension poles, \$18.00.

**TREE PRUNERS.** Waters' 6-ft., \$2.10; 8-ft., \$2.50; 10-ft., \$2.75; 12-ft., \$3.10. Extra blades, each, 30c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$8.75.



# Lawn and Garden Supplies

## ROSS SQUARE SPRAY HEADS



It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for 1/2 inch pipe, capacity 3/4 gals. per minute. Has a slotted adjusting screw to control the area of the spray. No. 54A. Price, per doz., \$7.20.

## THE EVANSTON SPRINKLER



One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. Each, 90c.



**Soil Soaker** Irrigation hose for deep soaking. No. 0—12 ft., each, \$1.15; six for \$5.75. No. 1—18 ft., each, \$1.50; six for \$7.90; No. 2—30 ft., each, \$2.25; six for \$11.90; No. 3—50 ft., each, \$3.50; six for \$19.50.

## VITAMIST

Vitamize as you sprinkle. A small Vitamin cartridge does the trick. Simply remove the nozzle from your hose, drop a Vitamist cartridge into the hose, replace the nozzle and turn on the water. Adjust it to a fine spray and sprinkle the Vitamin over any part of your lawn and garden. One cartridge will vitamize about 1500 square feet, a space about 30x50 feet. It takes about six minutes to dissolve the entire cartridge. Package of 30 cartridges retails at \$1.00; price per display carton of 13, \$8.00.



## WATER WAND

Watering shrubs, flowers and trees is a simple job with Water-wand; no danger of washing away the rich top soil. Each, \$2.50.

## GETZUM WEED GUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, \$1.75. Killer Kemical, pint, 30c; gal., \$1.75.

## HERBICIDE THE WEED EXTERMINATOR



For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., 50c; gal., \$1.50; 5 gals., \$6.00; 10 gals., \$10.00; 55 gals., \$35.00.

**MEO-181** A specific eradicator for dandelions, plantain, crab grass, and other common weeds; apply with a sprayer in a fine mist. Per gal., \$1.55; 5 gals., \$7.25. (Write for price in drums.)



## ZOTOX CRAB GRASS KILLER

An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, \$1.00; doz., \$7.20; 16 oz., \$1.50; doz. \$10.80; 5 lb., \$4.50.



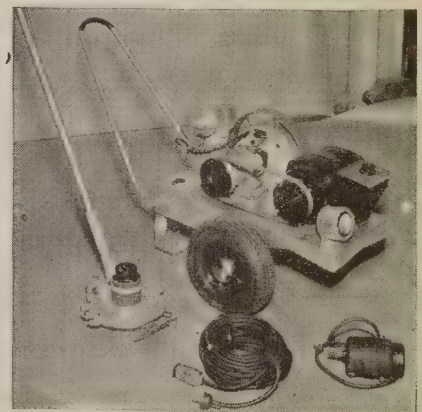
## Springfield Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner; Width, 22 inches. Always designate Rakes or Brushes when ordering. Each, \$34.00; 28 inch, \$44.00; with [caster wheels, \$48.00.

## O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the entire cost of a complete outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O.K. Trimmer can do as much work as eight to ten men using sickles. Deluxe outfit . . . \$190.00 Includes power plant, trimmer and cord. Up to four trimmers can be run at one time. Extra trimmers, \$23.00 each. Large base cutter, \$28.00.



## O. K. POWER PLANT

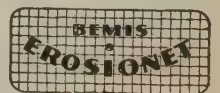
O. K. Heavy duty Hedge Trimmer . . . \$15.00  
O. K. Jr. Hedge Trimmer . . . 8.85

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

## Use Erosionet

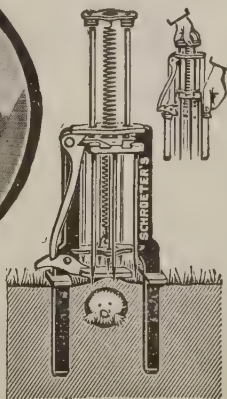
For New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 11 1/2c; 100-yd. lots, 11c per yd.; rolls of 250 yds., 10c per yard.



## VAUGHAN'S Subsurface IRRIGATOR

For trees, shrubs, and flowers; irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorbable. This irrigator is adaptable to most types of soluble fertilizer devices, so you can fertilize as you irrigate. Standard model, \$2.50.



Mole Trap

## MOLE TRAP

Improved with patented setting attachment. One of the best mole and gopher traps. Each, \$2.00.

## BERGMAN LAWN MOWER SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, \$1.00

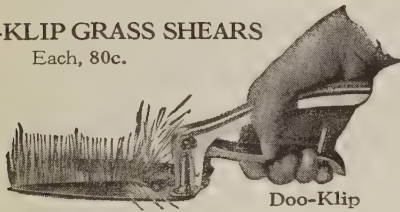




# Tools and Garden Equipment

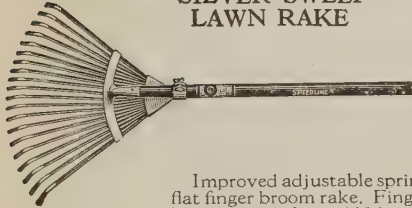
## WISS-KLIP GRASS SHEARS

Each, 80c.

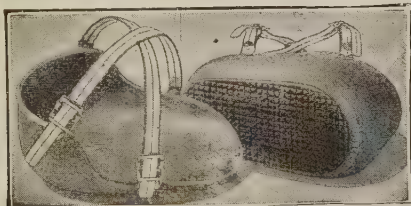


Doo-Klip

## SILVER SWEEP LAWN RAKE



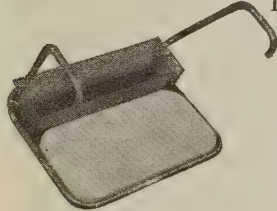
Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11½ to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.25 each. Dealer's price, doz., \$9.60.



## KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.65; 3 for \$4.50.

## THE GARDENADE



Combines a kneeling pad and a convenient rack for your garden tools. The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort. Can also be used in the home when it is necessary to kneel, cleaning floors, etc. Price, each, \$2.95; 3 for \$7.50.

## METAL LAWN SIGNS

These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3¾x12 inches. Colors, green on white and black on white. Sign wordings—Please-Seeded—Keep off Grass. Signs with stakes, each, 35c; six for \$1.50.



## PLANTING TOOLS HOLE-IN-ONE

The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. Short handle, each, 50c; three for \$1.35. Long handle, each \$3.85.



## EARTH AUGER

Used to bore holes to feed trees. 2 inch size with 6 inch twist, length 40 inches. Each, \$3.50.

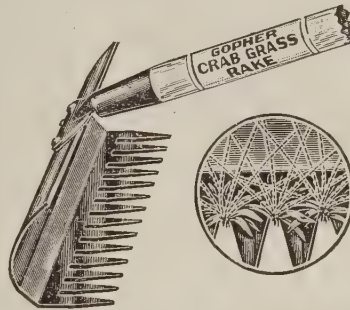
## HANDY ADJUSTABLE LAWN RAKE



An all-purpose lawn rake. Depth gauges adjustable, makes rake pull easily over soil without pulling up sod; made of high carbon steel. 5 ft. ash handle. Ceiling price, each \$1.75.

## HANDY CRAB BRASS RAKE

This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses; it will also pull out any weed that clings close to the ground. Each, \$1.50.

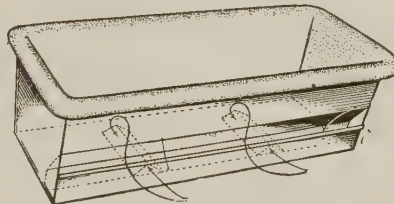
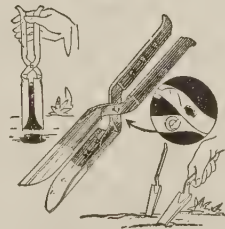


## HOE Garden Scuffle or Push. 7-inch, \$1.35; with 5 ft. handle.



## GARDEN GADGET

Can be used as a transplanter for planting bulbs and small plants, also as two separate trowels. Each, 65c; postpaid, 75c.



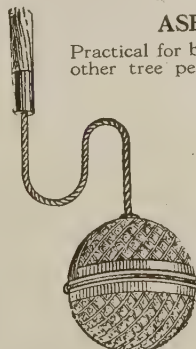
## PERFECTION SELF WATERING

Window boxes, made of metal painted in attractive green finish.

- 26 inches.....\$2.50
- 30 inches.....2.95
- 36 inches.....3.75
- 44 inches.....4.50

## ASBESTOS TORCH

Practical for burning caterpillars, worms and other tree pests. It is a black lined ball, filled with asbestos fibre, so constructed that it can easily be attached to any pole. Dip the torch in kerosene and light. Ea., 50c; 3 for \$1.35.



## SIEVES For sifting soil. 18 inches in diameter, all sizes mesh from ¼ to ½ inch. Each, \$1.60.



## KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

## KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

### SPECIFICATIONS

- Length.....38"
- Width.....22"
- Height at discharge end.....36"
- Height at hopper.....33"
- Weight.....200 lbs.
- Power.....½ H.P.
- Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$100.00 (F. O. B. Erie, Pa.)

Write for prices on other sizes.

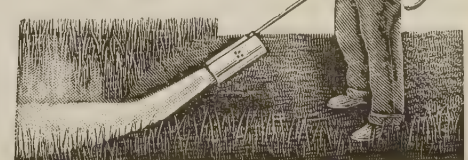
## KEMP SOIL SHREDDERS

- No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord.....\$200.00
- No. 5 powered with 1 H.P. Briggs and Stratton gas engine.....210.00
- No. 5 less engine or motor.....165.00
- No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord.....275.00
- No. 1 complete without motor or engine....205.00
- No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....195.00
- No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....405.00
- No. 2 complete without motor or engine....300.00
- No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

## FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$16.00 (weight 17 lbs.)





# Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

● The ceiling prices given below on this page are those in effect at the time this catalogue goes to press. Should increases in these ceiling prices be authorized by the Office of Price Administration, we reserve the right to increase our ceiling prices in accordance with such authorization. Should changes in formulas be ordered by the government authorities, then where necessary the formulas offered below will be changed in accordance with such regulations.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of prod-

ucts more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

**Victory Garden Special 3-8-7** Contains some Chemical Nitrogen, can be resold for Victory Gardens for food production only. Will be packaged as follows; 5 lbs., 10 lbs., 25 lbs., 50 lbs., 100 lbs. As we go to press with our catalog, prices have not been announced. Our prices will be competitive.

\***Vaughan's Balanced Plant Ration. (5-8-7)** This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a **money-maker**. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. **Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$25.00; 2000 lbs., \$45.00.**

**Adco. Artificial Stable Manure.** Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb bag is enough for 12 wheelbarrow loads of waste, making 1/2 ton of manure. **Ceiling prices, 7 1/2-lb. bags, each, 85c; doz., \$8.40; 25 lbs., \$2.00; 150 lbs., \$10.50.** Instructions with each bag.

\***Agrico.** For lawns, trees and shrubs, 7-7-5. **Ceiling prices, 25 lbs., \$1.00; 50 lbs., \$1.70; 100 lbs., \$2.75.** For gardens 4-10-4, 25 lbs., 93c; 50 lbs., \$1.57; 100 lbs., \$2.50.

\***Aluminum Sulphate.** For creating acid condition in the soil. **Ceiling prices, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.**

**Bone and Blood.** Tankage, Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. **Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$58.00.**

**Cotton Seed Meal.** **Ceiling prices, 100 lbs., \$4.00; 500 lbs., \$18.00.**

**Davidges' A-1 Fertilizer (Special).** Grows strong and long keeping plants and blooms. It is not a stimulant but a steady nourisher. **Ceiling price, 100 lbs., \$6.75.**

**Dried Blood.** 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Ceiling price, 100 lbs., \$7.50.**

**Electra Fertilizer.** **Ceiling prices, 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.75.** F. O. B. Massachusetts.

\***Fairway Grass Food.** Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. **Ceiling prices, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00.** Write for quantity prices.

**Crystal Urea.** A highly concentrated inorganic fertilizer containing 46 percent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Ceiling prices, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75.**

**Hardwood Ashes.** Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. **Ceiling prices, 100 lbs., \$2.75; 1000 lbs., \$22.00; 2000 lbs., \$42.00.**

**Horn Shavings.** Synthetic. Quick-acting and lasting. **Ceiling prices, 50 lbs., \$6.00; 100 lbs., \$11.00.**

**Horn Dust.** Has same effect as Horn Shavings except it is immediately available. **Ceiling prices 100 lbs., \$6.50; 500 lbs., \$30.00.**

**Hydrated Lime.** For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. **Ceiling prices, 50 lbs., \$1.00; 1000 lbs., \$8.50; 2000 lbs., \$16.50.**

\***Hyponex.** **Ceiling prices, 3-oz. size, packed 36 to carton, retails at 25c each. Per carton, \$6.00; 1-lb size, retails at \$1.00, packed 12 to carton. Price per carton \$8.00; 10 lbs., \$5.35; 25 lbs., \$10.00.**

**Vaughan's Special Rose Grower Bone Meal.**

"Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. **Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$55.00.**

**Quantity Required.**—For permanent pasture and mowing lands, 1/2 to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

**REGULAR GRADE BONE MEAL.** **Ceiling prices, 100 lbs., \$3.00; 1000 lbs., \$28.00; 2000 lbs., \$53.00.**

**Raw Bone.** Coarse. This material appeals to every florist who has used it. **Ceiling prices, 100 lbs., \$3.50; 1000 lbs., \$32.50; ton, \$60.00.**

**Humus.** Recommended for top-dressing or use on heavy clay soils. **Ceiling prices, 100 lbs., \$1.00; ton, \$18.00.**



\*Kem has proven itself a complete balanced plant food. Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplantings made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. **Ceiling prices, 25c size, 24 to case, \$4.00 per case; 50c size, 12 to case, \$4.00 per case; \$1.00 size, 4 to case, \$3.50 per case; \$4.25 size packed separately, \$2.83 each; 50-gal. barrel, \$11.25.**

**Leaf Mold.** **Ceiling prices, 100 lbs., \$2.00; 1000 lbs., \$17.50; 2000 lbs., \$32.00.**

**Loma** A scientifically prepared plant food for flowers, vegetables, and potted plants. For growing purposes only. Specify this when ordering. **Ceiling prices, 100-lb. bag, \$2.90; 500 lbs., \$14.50; 1000 lbs., \$29.00; 2000 lbs., \$58.00; 300 lbs. or more delivered free to your railroad station within 500 miles of New York.**



**Loma-O** A balanced plant food containing organic nitrogen phosphoric acid and potash, can be resold for use on lawns, gardens, and ornamentals, in the following sizes, 1 lb. 24 to a case; 5 lbs. 12 to a case; 10 lbs. 6 to a case; 25 lbs. 4 to a bag; 50 lbs., 2 to a bag; 100 lb. bags, as we go to press with our catalog price has not been announced. Our prices will be competitive.

**Muriate of Potash.** Should be used liberally, especially for all root crops. **Ceiling prices, 100 lbs., \$3.00; 1000 lbs., \$23.00; ton, \$45.00.**

**Peat Moss Granulated.** A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. **Ceiling prices, Bale, about 22 bushels, \$3.50; 5-bale lots, \$3.25 each; 1/2 bales \$2.25 each.** Write for quantity prices.

**Peat, Orchid.** Fern roots; very useful for Orchids and Azaleas. **Ceiling price, \$2.25 per sack of two bushels; 5-sack lots, \$2.10 per sack.**



\***Plantabbs.** Fast selling, well advertised plant food tablet. Contains Vitamins B1. **Ceiling prices, 10c size at 72c a doz.; 25c size at \$2.00 a doz.; 50c size at \$4.00 a doz.; \$1.00 size at \$8.00 doz.; \$3.50 size at \$2.35 each. LESS 5% Discount on order of \$6.00 up to \$12.00. 10% Discount on order of \$12.00 and over.**

**Poultry Manure.** Use it to enrich the soil for flowers, shrubs, lawns and garden. **Ceiling prices, 100 lbs., \$2.75; 500 lbs., \$10.00; 1000 lbs., \$18.00; 2000 lbs., \$35.00.**

**Pulverized Limestone.** **Ceiling prices, 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$16.00.**

We are not responsible for loss of weight due to evaporation of any fertilizers.

\*On all items marked with an asterisk there is a limited quantity on hand and no more can be had for the duration after present stocks are exhausted.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

These prices are subject to change without notice.



# Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

**Sheep Manure.** Wizard Brand. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strew over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Ceiling prices, 100 lbs., \$2.15; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

**Swedex Peat Moss.** 25 times finer than Regular Peat Moss. Ceiling prices, bale of about 150 lbs., each, \$5.50; 5 bales or over, \$5.00 per bale.

**Shredded Cow Manure.** Wizard Brand. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Ceiling prices, 100 lbs., \$2.25; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

**\*Stimuplant.** A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case. Ceiling prices, 60c; 25c size put up in counter display case, 10 to a case, \$1.50; 75c retail size at 45c; \$2.50 retail size at \$1.50; \$3.50 retail size at \$2.10.

**\*Driconure.** Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, safe and easy to use. 50 lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. Ceiling prices, 50 lb. bags, 1 to 10 bags, \$1.65 each; 10 to 20 bags, \$1.50 each; ton, \$55.00.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

\*On all items marked with an asterisk there is a limited quantity on hand and no more can be had for the duration after present stocks are exhausted.



**\*Sulphate of Potash 48%.** Ceiling prices, 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$35.00.

**Super Phosphate.** 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Ceiling prices, 100 lbs., \$2.00; 1000 lbs., \$14.00; 2000 lbs., \$26.00.

**\*Tree Food (10-8-6)** Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. Ceiling prices, 100 lbs., \$3.50; ton, \$60.00.

**Vigoro** A specially prepared plant food. It contains all elements plants need for healthy growth. Because it is a complete plant diet, it is really more economical than incomplete waste or by-product materials. Good plant food for commercial growers. When ordering specify for growing purposes. Price, 100 lbs., \$2.75; 300 lbs., or more, delivered free to your railroad station within 500 miles of New York.



**Vigoro A.** A prepared plant food, containing permissible nitrogen units, this is a balanced mixture that can be resold for general gardening, lawns and ornamentals. Put up as follows: 100 lb., 50 lb., 25 lb. bags. 10 lb. pkgs. 6 to a case; 5 lb. pkgs. 14 to a case; 1 lb. pkgs. 32 to a case. Price on Vigoro A has not been announced as this catalog goes to press, however our prices will be competitive.

We are not responsible for loss of weight due to evaporation of any fertilizers.

## HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20.....	\$ 0.50
60.....	1.00
240.....	2.50
480.....	4.50
960.....	8.00

**Hormodin Powder** Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

No. 1 Powder 1 3/4-oz. tin, each, 50c; lb., \$3.00. No. 3 Powder 1-oz. tin, each, \$1.00; lb., \$4.50. No. 2 Powder 1 3/4-oz. tin, each, 75c; lb., \$4.50.

## ROOTONE

PATENTS PENDING



A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/2-oz. pkt., 25c; doz., \$2.00; 2-oz., jar, enough to treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet, all postpaid.

**Transplantone** For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1/2 oz., pkt., each, 25c; doz., \$2.00; 1 oz., 50c; doz., \$4.00; 3 oz., \$1.00; 1 lb., \$4.00.

**Fruitone.** The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, \$2.00, retails at 25c per pkt.; 2 oz., \$1.00, (makes 25 gal. spray); 12 oz., \$5.00. Write for price on larger quantities.

**Mackwin Vitamin B1.** The bottle has a dropper top. 2-oz. bottle, each \$1.00; display box of 12 bottles, \$7.80.

**Mackwin Vitamin B1** A display card of 24—1/2 oz. bottles of liquid vitamin B1. Price \$5.30; retails at 35c each. SALEM SPREADERS

For Lawns, Gardens, Parks, and Golf Courses.

Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle.

Salem. 16 in. each, \$3.50; 20 in., each, \$6.00; 30 in., each, \$11.50.



### MASTERS

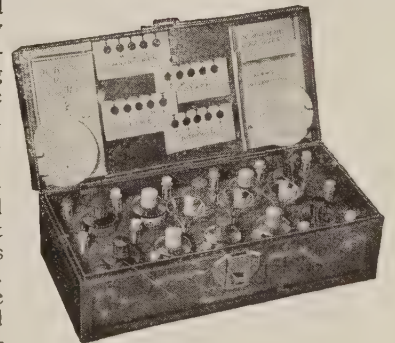
36-inch size equipped with double disc wheels.

18-inch size \$9.90  
24-inch size 12.75  
36-inch size 19.75

## Soil Testers

The Sudbury Horticultural Soil Test Kit, \$9.75

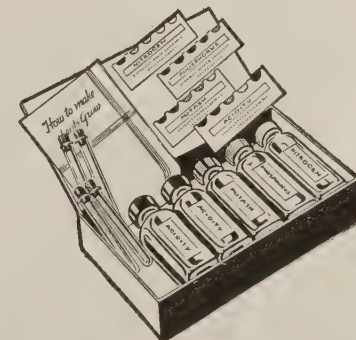
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

**The Sudbury Professional Soil Test Kit**—Contains enough material for 200 individual tests. Price complete with instructions, \$18.50

The Sudbury Home Gardener's Soil Test Kit, \$1.50



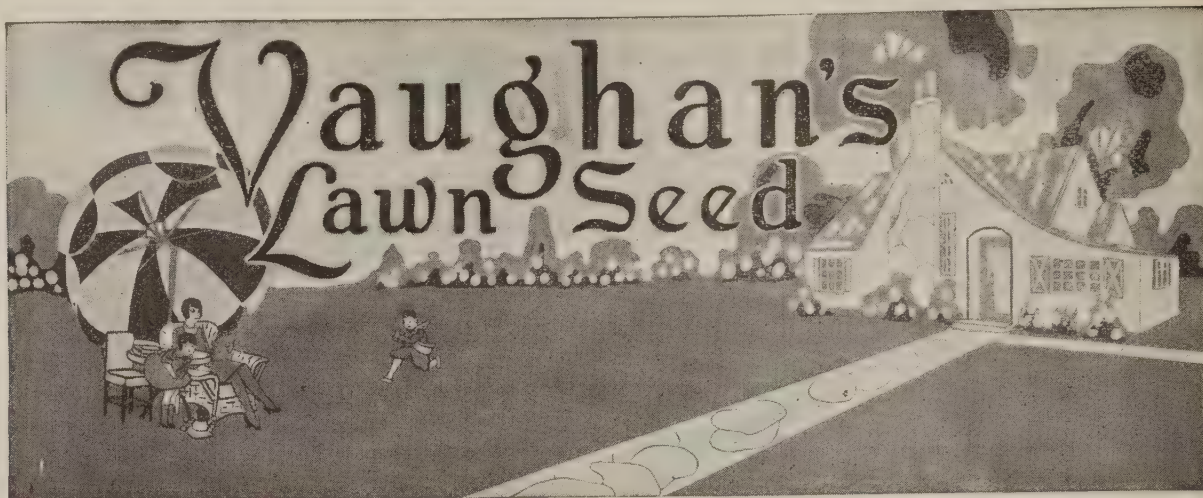
This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenkeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

**The Sudbury Home Gardener's Soil Kit.** Complete with instructions and table of plant needs, \$1.50.

**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

**New Club Model Kit.** An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$3.85.





This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

# Larger Profits In Quality Seed

Bags Included on All Grass, Gross for Net

## FANCY GRASSES

All grass seed prices subject to change without notice.

Orders will be booked at the lowest price on day received.

Order early and avoid transportation difficulties.

**KENTUCKY BLUE GRASS.** Our blue grass is all re-cleaned to fancy purities with low weed content and is of high germination.

**Fancy.** Purity 85%. Full bags (112 lbs.), \$19.00 per 100 lbs.; less than 112 lbs., 20c per lb.; 10 to 25 lbs., 21c per lb.

**Standard.** Purity 80%. Full bags (112 lbs.), \$18.50 per 100 lbs.; less than 112 lbs., 19½c per lb.; 10 to 25 lbs., 20½c per lb.

**Extra Fancy Seed.** Purity about 92%. Full bags (112 lbs.), \$21.50 per 100 lbs.; less than 112 lbs., 22½c per lb.; 10 to 25 lbs., 23½c per lb.

**Refined Suncured Seed.** Purity 98%. Full bags (112 lbs.), \$24.00 per 100 lbs.; less than 112 lbs., 25c per lb.; 10 to 25 lbs., 26c per lb.

**RED TOP, Refined.** Extra Re-cleaned Purity 97 to 98%. Full bags (100 lbs.), \$12.50 per 100 lbs.; broken bags, 13½c per lb.; 10 to 25 lbs., 14½c per lb.

**Extra Fancy.** Purity 95%. Full bags (100 lbs.), \$11.50 per 100 lbs.; broken bags, 12½c per lb.; 10 to 25 lbs., 13½c per lb.

**Fancy.** Purity 92%. Full bags (100 lbs.), \$10.75 per 100 lbs.; broken bags, 11¼c per lb.; 10 to 25 lbs., 12¼c per lb.

## CLOVER, White Dutch.

**Extra Fancy.** \$64.00 per 100 lbs.; less than 100 lbs., 65c per lb.; 10 to 25 lbs., 66c per lb.

**Choice Grades.** \$62.00 per 100 lbs.; less than 100 lbs., 63c per lb.; 10 to 25 lbs., 64c per lb.

**Prime.** \$60.00 per 100 lbs.; less than 100 lbs., 61c per lb.; 10 to 25 lbs., 62c per lb.

Put up in packages of 5 lbs. and less, write for prices.

**PERENNIAL RYE GRASS.** \$16.50 per 100 lbs.; broken bags, 17½c per lb.; 10 to 25 lbs., 18½c per lb.

**RYE GRASS Common, Native Grown.** Full bags (100 lbs.), \$8.50 per 100 lbs.; broken bags, 9½c per lb.; 10 to 25 lbs., 10½c per lb.

**CHEWING'S FESCUE.** Full bags (115 lbs.), \$50.00 per 100 lbs.; broken bags, 52c per lb.; 10 to 25 lbs., 54c per lb.

**CREEPING RED FESCUE.** A variety of fescue seemingly superior to Chewings. 100 lbs. \$65.00; less than 100 lbs., 67c per lb. 10 to 25 lbs., 70c per lb.

**ASTORIA BENT, Certified Blue Tag.** Full bags, (100 lbs.), \$75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 80c per lb.

**Red Tag.** \$73.00 per 100 lbs.; broken bags, 75c per lb.; 10 to 25 lbs., 78c per lb.

**SEASIDE BENT, Certified Blue Tag.** Full bags, \$67.00 per 100 lbs.; broken bags, 69c per lb.; 10 to 25 lbs., 72c per lb.

Ask for quotations on grasses not listed.

## LAWN MIXTURES

**Vaughan's No. 25 Lawn Mixture.** 100 lb. bags, \$17.00; 1-lb. cartons (ea., 25c), \$20.00 per 100 lbs.; 5-lb. bags (ea., \$1.15), \$19.00 per 100 lbs.; 10 to 25 lbs., 20c per lb. Retail 35c per lb.

**Vaughan's No. 40 Lawn Mixture.** Intermediate grade. 100 lbs., \$22.00; 1-lb. cartons (ea., 27c), \$25.00 per 100 lbs.; 5-lb. bags (ea., \$1.25), \$24.00 per 100 lbs.; 10 to 25 lbs., 25c per lb.

## Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 60c per lb.) Price, \$36.00 per 100 lbs.; 5-lb. bags (ea., \$2.00), per 100 lbs., \$38.00; 1-lb. cartons (ea., 42c), per 100 lbs., \$39.00. Orders for 10 to 25 lbs., 38½c per lb.

## SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

## Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

## Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 17c (Retail for 30c)	\$29.00
1 -lb. carton, each, 32c (Retail for 50c)	
2 and 3-lb. cartons	28.50
5-lb. cartons or bags (each, \$1.50)	28.00
10 and 15-lb. bags	27.50
50 and 25-lb. bags	27.00
100 lb. lots	26.00
300 lb. lots	25.50
500 lb. lots	25.00
1000 lb. lots	24.00

Lots of 10 to 25 lbs., 28½c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

## Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 20c (Retail for 35c)	\$36.00
1 -lb. carton, each, 40c (Retail for 55c)	
2 and 3-lb. cartons	35.50
5-lb. cartons or bags (each, \$1.90)	35.00
10 and 15-lb. bags	34.50
50 and 25-lb. bags	34.00
100 lb. lots	33.00
300 lb. lots	32.50
500 lb. lots	32.00

Lots of 10 to 25 lbs., 35½c lb. On Larger Lots Ask For Prices.

## Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retail at 65c per lb.) Price, \$40.00 per 100 lbs.; 5-lb. cartons (ea., \$2.20), per 100 lbs., \$42.00; 1-lb. cartons (each 45c), per 100 lbs., \$43.00. Orders for 10 to 25 lbs., 42½c per lb.

All grass seed net cash, F O. B. Chicago and New York and subject to price change without notice.



# Freshly Packed and Tested Lawn Seed in 1944 for Your Unsold 1943 Stock

## Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1942, and replacement will be made by March 1, 1943.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

### For Your Protection

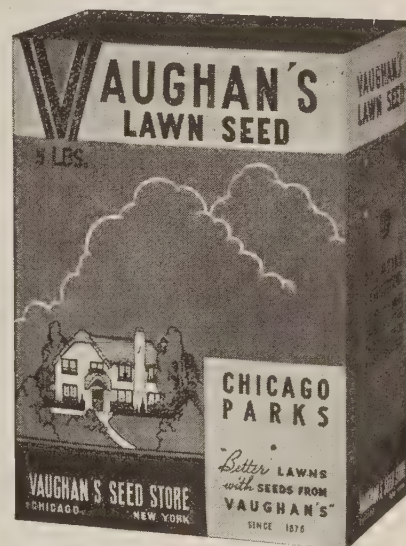
All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

### Vaughan's Chicago Parks Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1	<b>\$ 15</b>	Retails for \$25.45
Net Cash F. O. B. Chicago		Ret. Price
		Cartons 18 1-lb. \$0.50
		Bags 7 5-lb. 2.35



NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

### "Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is enclosed in each carton and bag of the lawn seed mixtures.

### Vaughan's No. 25 Lawn Mixture An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for \$17.00	No. 25. Deal No. 2
Cartons 12 1-lb. \$0.35	<b>\$ 10</b>
Bags 8 5-lb. 1.60	
	Net Cash F. O. B. Chicago





L. H. VAUGHAN, PRES.
CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Store

CARL CROPP, V. PRES.
NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS ILL.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. Special 2 percent discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting net cash items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. DO NOT use the words send, ship or forward—they mean nothing. State distinctly: Mail, Express or Freight.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for cash goods.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for \$2.00; and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

- 25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.
30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.
40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.
10% on special offers and cut-rate collections, none on bulb collections.

None of these seeds are returnable. They are sold outright.

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

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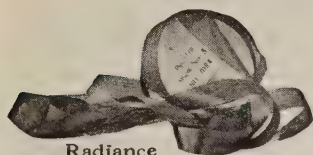
Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

Table listing various plant species and their corresponding page numbers. Includes categories like Achillea, Agave, Allium, Anemone, etc., and a detailed list of bulbs, plants, and seeds.



# Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

**Pattern 1900, No. 5 Radiance Ribbon.** Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, \$1.00. Box of 20 spools at 95c spool.

**Tidy Tie Pot Tie Ribbon.** A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width  $\frac{3}{4}$  inch. Per bolt, 60c; 10 bolts for \$5.50.

**Picot Edge White Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 75c; 10 spools for \$6.50.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 70c; doz., \$7.20.

**Tinsel Ribbon.**  $\frac{3}{4}$  inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.25; 10 spools, \$11.00.

**Plain 3-Stripe Imported French Chiffon.** Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 6c; 6-inch, per yard, 8c; in 6-bolt lots,  $7\frac{1}{2}$ c per yard.

**Dotted Chiffons, all shades.** In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 9c.

**Corsage Pins.** Pearl heads, finest made, assorted colors. Per gross, \$1.35.

**Corsage Ties (Cord and Tassels).** Per doz., 75c; per gross, \$7.20.

**Metaline.** This ribbon has a bright metallic lustre with striped edges, width  $5\frac{1}{2}$  inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.35; ten bolts, \$13.00.

**Ribbonzene Crinkle Baby Ribbon No. 1.** For tying cards. All colors. 500-yard spool, 95c; doz. spools, \$10.80.

**Valley Pattern Chiffon.** Pink, white, lavender and purple. 6-inch, per yard, 9c. Six bolts at  $8\frac{1}{2}$ c per yard.



**Special Metaline.** Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt \$1.25; 10 bolts for \$12.00.

**Rubberized Shoulder Shields.** Per doz., 85c; gross, \$9.00.

**Corsage Shields, Shoulder or Wrist Shields.** Chiffon edge. Per doz., \$1.50; per gross, \$15.00.

**Waist Shields.** Chiffon edge. Corsage large, medium and small. Per doz., \$1.75; per gross, \$18.00.

# Glazing Tools and Materials

**VITASPLASTIC TIRE COATING.** Prevents cracks in tires, permits retreading. A war discovery. Dries quickly. Makes tires look new. Tire can be used from fifteen to thirty minutes after application. Can also be used on running boards, floor mats, top dressing, rubber hose, shoes, and other rubber items. Price per pint, \$1.00; 12 pints for \$8.00; gallon, \$6.95.

**GARLANITE** The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.40 per gal.; kegs, 10 and 20 gals., \$2.50 per gal.; 5-gal. kegs, \$2.70 per gal.; gal. cans, \$2.75. 10 gals. or more prepaid.

**GARLAND WHITE SHADING COMPOUND.** 25 lbs. is equivalent to 2 gals. 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$13.00; 200 lbs., \$24.00; 300 lbs., \$35.00; 500 lbs., \$55.00, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

**TAMM'S SHADING COMPOUND.** Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

**VAUGHAN'S GREENHOUSE BULBING CEMENT.** A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.

**MODEL "O" SAFETY GLAZING GUN.** Gratis with 40 or 60-gal. drum of glazing cement. Each, \$5.50.



**VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint.** Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, \$3.50; 5 gallons, \$17.50. Freight prepaid on 10 gallons or more.

**Vita Bedding Compound.** An excellent elastic compound for rebedding. Gal., \$2.75; 5-gal. pails, \$12.50; 10 gals. or over prepaid.

**PUTTITAPE.** A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., \$3.50; per 1,000 ft., \$30.00.

**SEAL-A-SEME.** For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., \$7.50.

**GLAZING PUTTY, Gun Grade.** A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., \$1.95; 5 gal. can, \$9.25; 30 gal. drum, \$52.50.

**PUTTYROPE.** A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box, 100 ft., \$1.00; 300 ft., \$2.50. Postpaid, 1,000, ft., \$5.00. F. O. B. Pana, Illinois.

**TROJAN ROLLER TYPE GLASS CUTTER.** Doz., \$2.50; each, 25c.



**PUTTY KNIFE, No. 120.** A very good tool. Each, 45c; 3 for \$1.25.

**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.50.

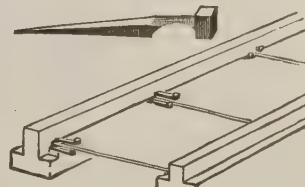
**GLAZING POINTS, Vaughan's Perfection—No rights or lefts.**

No. 2. For large single thick glass.  
No. 2 $\frac{1}{2}$ . Double thick, for greenhouses and skylights.  
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2 $\frac{1}{2}$ . Per lb. (about 800), 60c; 5 lbs. at 55c per lb.  
Write for prices in larger quantities.



**SIEBERT'S IMPROVED.**

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes,  $\frac{5}{8}$  and  $\frac{7}{8}$  inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of  $\frac{5}{8}$  in; over 1,000 points in 1-lb. pkg. of  $\frac{7}{8}$  in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.25.





# Supplies for the Florist Shop

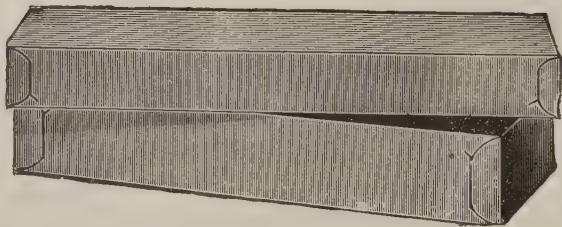
## CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.75.

When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE.



Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 25	Per 100	100	Size in inches	Weight Per 25	Per 100	100
18 x 5x3	\$1.40	35 lbs.	\$4.65	5x24x8	\$2.25	70 lbs.	\$ 8.90
3 x 21x5	1.50	40 lbs.	5.00	5x28x8	2.75	90 lbs.	9.45
3 1/2 x 24x5	1.75	50 lbs.	5.85	5x36x8	3.50	125 lbs.	12.95
3 1/2 x 30x5	1.90	65 lbs.	6.50	5x42x8	4.60	165 lbs.	17.50

## FLORAL DESIGN BOXES. Mist gray.

No.	Size	Weight Per 25	Per 100	No.	Size	Weight Per 25	Per 100
No. 25.	7x36x12	\$6.50	\$24.95	No. 27.	8x20x20	\$6.50	\$25.50
No. 26.	8x36x14	7.00	27.00	No. 28.	8x24x24	8.75	33.00

Packed 25 complete per bundle.

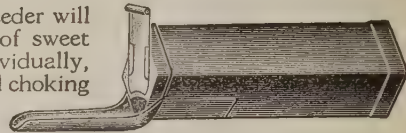
## CORSAGE BOXES. Shallow lid, mist gray.

Size	Weight Per 25	Per 100	Size	Weight Per 25	Per 100
8x5x4	\$1.10	\$3.60	12x8x5 1/2	\$1.75	\$6.50
10x6x5 1/2	1.40	5.10			

Write for Special Discounts on quantity orders.

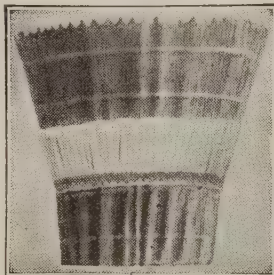
## New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work



because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for \$1.50; doz., \$5.40; retails at 60c each.

**STICK-TO-IT POT COVERS.** Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.



Size	Doz.	100
5 in.	\$0.90	\$ 6.25
6 in.	1.10	8.00
7 in.	1.50	9.50
8 in.	1.60	10.50

## Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

**Pure White Glazed Florist Tissue.** The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream. (480 sheets), \$1.50; 10 reams (4,800 sheets), \$13.00; F. O. B. New York, ream (480 sheets), \$1.75; 10 reams (4,800 sheets), \$14.50.

**White Wax.** Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$2.25; F. O. B. New York, 480 sheets, \$2.65.

**Green Wax.** Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$2.35; 10 reams for \$17.50; F. O. B. New York, 480 sheets, \$2.75.

**Green Wax Wreath Rolls.** Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$2.35; 3 boxes for \$6.75.



**Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 30c; per doz., \$3.50; 25 rolls, \$7.00.

**Kraft Wrapping** in rolls, all weights and sizes. Price, per lb., 10c; green Kraft plain, any size roll, per lb., 8c.

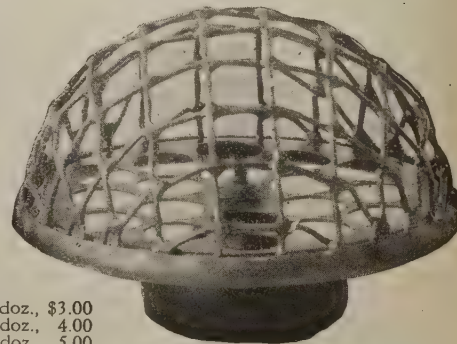
**PAPER CUTTERS.** 24, 30 and 36-in. Price, complete, \$3.25.

**MATS, Imported Japanese Chip.** Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$7.25; 500 for \$35.00.



## SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.



3-inch diameter	Per doz., \$3.00
4-inch diameter	Per doz., 4.00
5-inch diameter	Per doz., 5.00

## FLORALIFE

Helps flowers live longer. In handy display cartons. Price, 25 10c pkts., \$1.25; carton of 100 pkgs., \$4.85; your selling price, 10c per pkg.; handy home size retails at \$1.00 each. Price six cans for \$3.50. 100 qt. size, retails for \$3.00; 6 for \$10.50.



250 quart drum \$ 4.00  
1000 quart drum 13.50

500 quart drum \$ 7.50  
2000 quart drum 25.00



## SATIN SHEEN FLOWER POT WRAP

The new economical and attractive covering for pot plants. Can be had in green, gold, red, fuchsia, orchid, purple, blue and silver shades. Put up in rolls 20-inches wide, 50 ft. long. Price per roll, \$1.00; 5 rolls for \$4.75; 10 rolls for \$9.00.



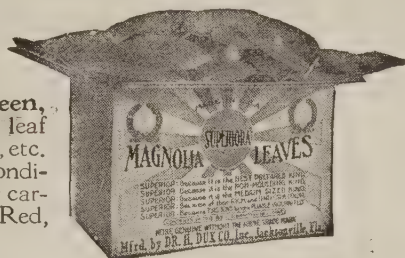
# Prepared Leaves, Bouquet Material

**IMMORTElLES, Colored.** White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 70c; doz., \$6.60.

**Natural (Yellow), bunch,** 70c; dozen, \$6.60.

Write for prices on larger quantities.

**MAGNOLIA. Bronze, Green, Purple.** Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.70; 6 at \$1.65 each; Red, per carton, \$1.95.



STATICE

**STATICE NATURAL**

**WHITE.** Used extensively in Wreaths and Baskets. Natural, per lb., 95c; 10 lbs. for \$8.00.

**GYPSOPHELIA**

(Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 80c; 10 bunches for \$7.25.

**COLORED GYPSOPHELIA.**

Rose-pink, orange, Nile green, yellow, blue, and violet. Per bunch, \$1.00; 6 bunches for \$5.70.

**GRASS RUG or MATS**

(RAFFIA) Green, finest quality. 72 inches long, 36 inches wide. Each, \$3.50; doz., \$37.50.



**UNWIRED PICKS.**

4 -inch Green.....Box of 4,000 \$2.00  
6 -inch Green.....Box of 3,000 2.00

**MATCH or HYACINTH STICKS.** Dyed green; 5-inch, 65c; 12-inch, \$1.50; carton of 9000, \$12.20; 18-inch, \$2.00 per 1000; carton of 6000 at \$10.85.

**TWINE "The Queen" White Cotton Twine.**

3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$3.25. Write for prices on larger quantities.

**LYCOPODIUM.**

Prepared. 10 lbs. to carton, \$2.15; 25-lb. carton, \$5.25.

**OAK LEAVES.**

Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.35; 6 cartons, \$1.25 each.

**TRANSPARENT**

**OAK BRANCHES.**

Dr. Dux Autumn or Red. Per lb., \$1.15; 5 lbs. for \$5.50; 10 lbs. for \$10.50.



GYPSOPHILA

**Florists' Thread, Green.**

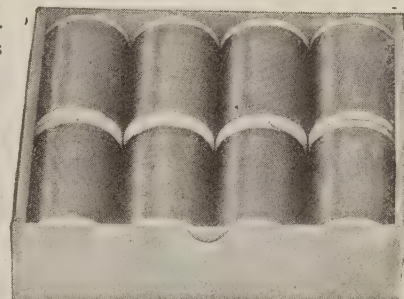
Myers' best brand. Similar to Silkline, 8 spools to a box. Per lb. box, \$1.10; 10 boxes at \$1.05 per box.

**Green Sea Island Twine.**

Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 95c; 5 boxes at 90c per box.

**Green Sea Island Twine.**

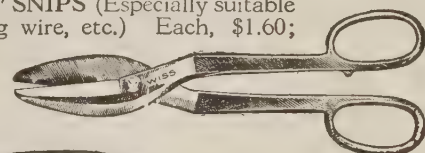
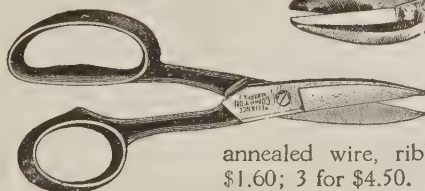
2 lbs., per cone, \$1.80; 3 cones for \$5.25.



**BULL DOG CLIPS.** The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.75.

Prices Subject to Change Without Notice.

**FLORISTS' SNIPS** (Especially suitable for cutting wire, etc.) Each, \$1.60; 3 for \$4.50.



**Improved Dental Snips.** For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.60; 3 for \$4.50.

**TERRA COTTA GRASS GROWING HEADS**

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., \$3.00, packed 24 to a carton at \$5.80 per carton. Retail at 40c each.

We can also supply the larger heads. "Buddy" with seed at doz., \$3.85; per carton of 24, \$7.20. Retail at 50c.



**MOSS FILLED WREATHS AND DESIGNS**

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.



**Spray Bars**

3 1/2 ins. wide, 2 ins. thick			
Length	Each	Length	Each
8 ins.	\$.10	20 ins.	\$.18
12 ins.	.11	22 ins.	.19
14 ins.	.12	24 ins.	.21
16 ins.	.14	30 ins.	.24
18 ins.	.16		

**Spray Bars**

4 1/2 ins. wide, 2 1/2 ins. thick			
Length	Each	Length	Each
18 ins.	\$.024	36 ins.	\$.042
24 ins.	.29	42 ins.	.46
30 ins.	.36	48 ins.	.50

**Spray Bars**

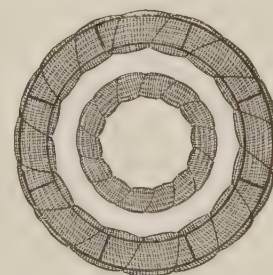
6 ins. wide, 2 1/2 ins. thick			
Length	Each	Length	Each
24 ins.	\$.035	42 ins.	\$.055
30 ins.	.40	48 ins.	.70
36 ins.	.45		

**Crosses**

Size	Each	Size	Each
18-in.	\$.032	30-in.	\$.060
20-in.	.36	33-in.	.70
22-in.	.40	36-in.	.95
24-in.	.45	42-in.	1.40
27-in.	.50	48-in.	1.75

**Hearts—Solid**

Size	Each	Size	Each
16-in.	\$.045	24-in.	\$.090
18-in.	.60	27-in.	1.15
21-in.	.75		



**Wreaths**

Size	Each	Size	Each
10-in.	\$.015	24-in.	\$.040
12-in.	.17	27-in.	.50
14-in.	.20	30-in.	.70
16-in.	.24	33-in.	.90
18-in.	.28	36-in.	1.10
20-in.	.32	42-in.	1.75
22-in.	.36	48-in.	2.50

**Pillows**

NEW IMPROVED

Size	Each	Size	Each
16 ins.	\$.065	24 ins.	\$.095
18 ins.	.75	27 ins.	1.20
21 ins.	.85	30 ins.	1.45

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.



# Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.



**DOG-CHECK.** The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. Packaged in handsome glass containers. 3 oz. size, 50c; display carton of 12, \$3.60; 3 oz. size complete with sprayer, 60c; display carton of 12, \$4.32; 8 oz. size, complete with sprayer, \$1.00; display carton of 12, \$7.20.

**ANT-"X" JELLY BAIT.** Tubes, garden size, 35c; display carton of 12 tubes, \$2.52.

**ANT-"X" TRAPS.** Death box. 300 grain size for grease and sweet eating type ants, each 25c; display carton of 12 traps, \$1.80.

**RAT-NOTS.** The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

**MOUSE-NOTS.** Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

**MOLE NOTS.** Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., \$2.52; estate size contents, 50 Nots, \$1.00; doz., \$7.80; jumbo size, contents 125 Nots, \$2.00; doz., \$14.40; gardener size, contents 400 Nots, \$5.00; doz., \$36.00.  
5% discount on orders of six display cartons of the above.

**RUBBER APRONS.** Each, \$2.75



**Letters and Figures**

**BOSTON SCRIPT.** Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4 1/2c.

**GOLD SCRIPT WORDS.** Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, \$1.95; per 1,000 words, \$16.00.

**GILT RIBBON LETTERS.** Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1 1/4 in. Per 100, 25c; per 1,000, \$2.25.

**CARDS FOR ALL OCCASIONS**

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

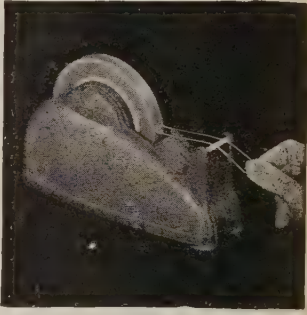
**CARDS WITHOUT CABINET.**

RUBBER APRONS

250 assorted at.....	\$1.25	1000 assorted at.....	\$3.50
500 " " " " " " " "	2.00	2000 " " " " " " " "	6.75

**WHITE ENVELOPES, PLAIN.** Size 2 1/2 x 4 1/4", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

**SCOTCH CELLULOSE TAPE DISPENSER.** Heavy duty, each, \$1.35; weight, 8 lbs.



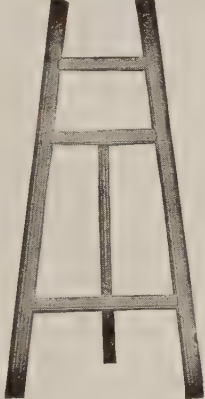
**TAPE TRANSPARENT**

1/4 in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

1/2 in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.

**WOOD EASELS**

Strong, well made, finished in white, green and lavender.



Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch.	.40c	\$4.20	54 inch.	.60c	\$6.00
42 inch.	.45c	4.95	60 inch.	.65c	6.95
48 inch.	.55c	5.40	66 inch.	.70c	7.20

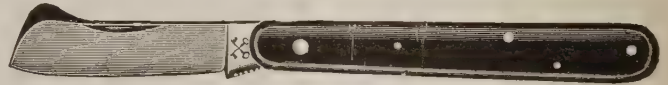
**SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.**

None better. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. 6 in. high, \$1.45; 3 for \$4.25.



**FLORISTS' KNIVES**

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



	No. 5A	Each	3 for
Budding, No. 5A. Black handle; brass lined.....		\$2.25	\$6.50
Budding, Beech Wood Handle. Per doz., \$4.50....		.45	1.25



	No. 801	Each	3 for
Budding, Aluminum Handle (Imported), No. 801....		\$2.25	\$5.50
Propagating, No. 1011. Aluminum handle (imported). Each, \$2.25; 3 for \$5.50.			



Vaughan's Florist (Patterned after Henckel's which cannot be had.)

Vaughan's Florist—3 for \$3.75..... Each \$1.35

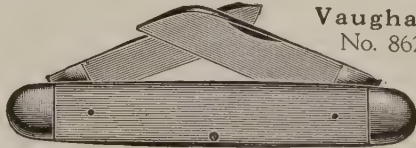
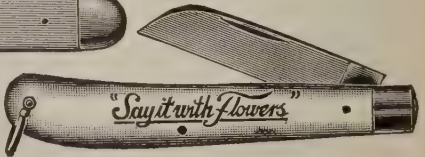
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$7.00..... 2.50

Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 3.00

Putty Knife—No. 120, a very good tool; 3 for \$1.25... Each, .50

Pruning, Stag handle..... Each, 2.25

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, \$1.35; doz., \$14.40.

White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$1.35; 3, \$3.75.



# Thermometers for Florists

## THERMOMETERS.

8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.75; 3 doz., \$7.75.

**Tin Case.** Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.15; 3 for \$2.75; doz., \$12.00.

**Self Registering Tycos.** No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$7.50. Three for \$21.00.

**Self Registering.** No. 5454, complete with magnet for setting. Each, \$5.00. Three for \$14.25.

**Taylor Utility Thermometer.** White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, \$1.00; three for \$2.75; doz., \$10.00.

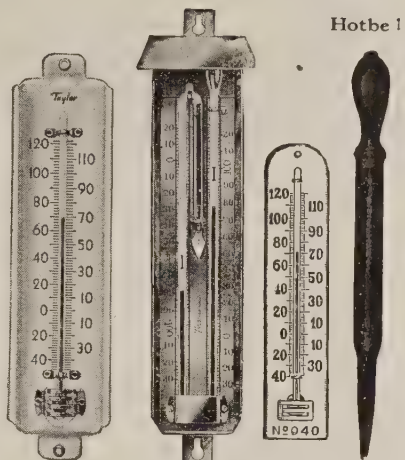
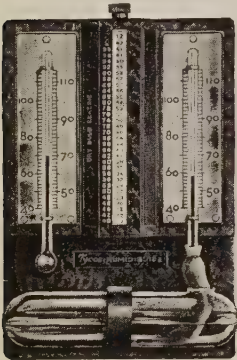
**No. 5132.** Same as above. 7½ inch. Each, 75c; doz., \$7.80.

**Hotbed (Mushrooms).** Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.25.

**No. 40. Greenhouse.** White porcelain steel frame enameled. Black scale and figures, range 20 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.

### No. 5534 HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, \$4.50. Wicks for Humidigide, per dozen, \$1.00.



Taylor Self Registering No. 40

## PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

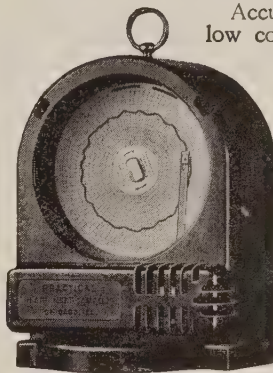
Three models for various temperature ranges.

**Model A36,** measures from 30° to 60° F.

**Model B105,** measures from 10° to 50° F.

**Model B410,** measures from 40° to 100° F.

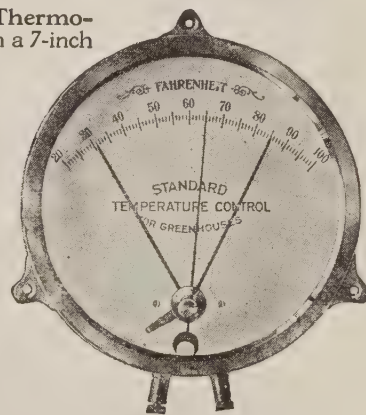
Price all models, each, \$18.75. Write for descriptive pamphlet. Charts, 100 for \$1.50. Ink, special non-clogging, bottle, 25c.



**Standard Recording Thermometer No. 200.** Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$50.00.

**Standard Greenhouse Thermostat.** No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$18.00. Shipping weight, 4 lbs.

**Standard Greenhouse Thermostat.** No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$12. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



### SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$8.00.

# Jardiers and Vases

**Jardier Pot Covers.** Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

## JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5¼ in.	100	\$ 8.00
No. 5.....	6¼ in.	80	10.00
No. 6.....	7¼ in.	50	13.00
No. 7.....	8¼ in.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

### JARDIER BULB BOX

**No. 3 (or 3 in 1)**—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. \$20.00 per 100, packed 50 per carton.

**NOTE**—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.



## THE JARDIER BULB BOX

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-



No. 4 Jardier Bulb Box

aerating—same as Jardier Vases—stimulating plant growth. No. 4—12 in. long—5 in. wide—4½ in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

### JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

### THE COLONIAL

Standard Colors—Green with Duo-Tone Finish. Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.



Colonial



# Hotbed Supplies

**SASH, Hotbed.** Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.60; 3 for \$7.05; doz., \$25.20. Glazed, double strength, each, \$5.35; doz., \$54.60. Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

40c crating charge when less than four glazed sashes are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



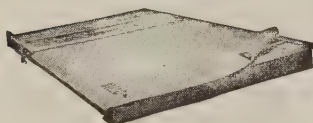
5 roll lots at \$7.40 per roll; when purchased for re-sale, \$6.20 per roll.

**VITAPANE GLASS SUBSTITUTE.** Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$9.25; 5 roll lots at \$7.40 per roll; when purchased for re-sale, \$6.20 per roll.



**CEL-O-GLASS.** Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.35; 100-ft. roll, \$30.50. 28 inches wide, 100-ft. roll, \$24.25.

**WINDOW FABRIC. Vio-Ray.** The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 27 1/2c.



each, \$3.35; doz., \$37.80. Size 78x80 in., each, \$5.60; doz., \$63.00.

**HOTBED MATS.** These mats are made up out of strong woven duck material for the top, and an even batt of cotton felt treated, for the filling, and the bottom well woven burlap, these mats are stitched in squares to assure durability and to give the proper protection. Size 40x78 inches, each, \$3.35; doz., \$37.80.

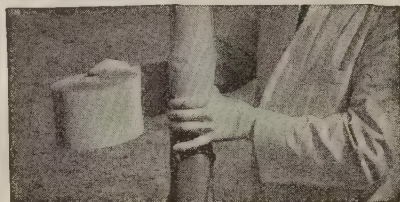
**GLASS WOOL.** Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, \$6.50; three cartons for \$18.75.



Write us for prices on Hotbed Heating Cable and Thermostats.

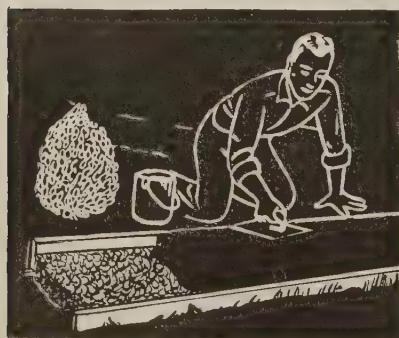
## SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for \$2.15; 10 rolls for \$4.00; 25 to 49 rolls at 37c roll; 50 rolls or more at 35c roll.

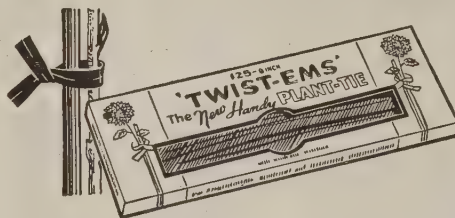


## U-MIX-IT

Pulverized Asphalt—A new, low-cost, water-proof compound. Has a multitude of uses. No waste; you mix it as you need it. Can be used for tree surgery, roofing, cellar windows and walls, cracks in concrete in fish pools; a handy material for sealing cracks in tanks, dams, silos, etc. You can make your own water-proof plastic putty with U-Mix-It. One gallon costs about 25c and will putty 300 lineal feet of glass 1/4" x 3/4". Packaged in 1-lb; boxes at 25c; 5 lbs. for 75c; 15 lbs. for \$1.50; and 100 lbs. for \$8.00.



# Plant Supports



## TWIST-EMS

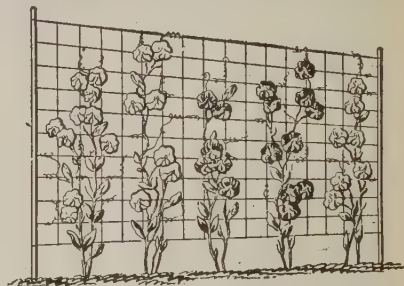
New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come un-

fastened. Tape protects stem against injury. Price: 4-inch, per 1000, \$1.00; 5000 lots at 90c per 1000; 10,000 to 25,000 lots 85c per 1000; 6-inch, per 1000, \$1.15; 5000 lots at \$1.05 per 1000; 10,000 to 25,000 lots at 95c per 1000. 8-inch, per 1000, \$1.25; 5000 lots, \$1.10 per 1000; 25,000 lots \$1.05 per 1000. 16-inch, per 1000, \$2.25; 5000 lots at \$2.00 per 1000; 10,000 to 25,000 lots at \$1.90 per 1000. Freight Prepaid in lots of 25,000 or over.

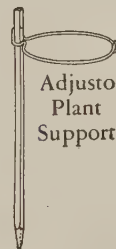
Retail pkgs. Consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

## TRAIN-ETTS

New weatherized trellis netting. Ideal support for Sweet Peas, Morning Glories or any of the light climbing vines. Made in three sizes. No. 1, 60x72 in., each, 45c; doz., \$3.60. No. 2, 60x96 in., each, 55c; doz., \$4.40. No. 3, 60x180 in., each, 75c; doz., \$6.00.



## ADJUSTO PLANT SUPPORT



Adjusto Plant Support

Has a unique self-locking adjustable feature causing the hoop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake 3/8 inch square will stand firmly in the ground. The hoop is of 8 gauge galvanized wire, 13 inches in diameter, and may be opened up to put around large plants. 3 ft., doz., \$3.00; 4 ft., doz., \$3.50; 5 ft., doz., \$3.85; extra wire hoops, doz., \$1.65.

## REEDS. Extra White, prime quality.

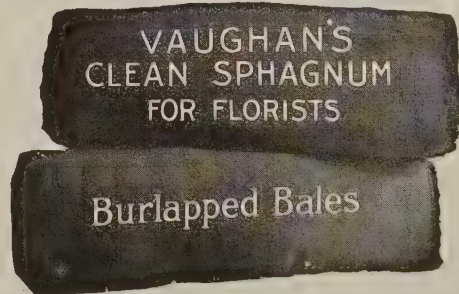
Per lb.		5 lbs.	Per lb.	Per lb.		5 lbs.	Per lb.
No. 1.....	\$0.85	.....	\$0.80	No. 5.....	\$0.65	.....	\$0.60
No. 2.....	.80	.....	.75	No. 6.....	.60	.....	.55
No. 3.....	.75	.....	.70	No. 7.....	.60	.....	.55
No. 4.....	.70	.....	.65	3/8-inch Flat..	.75	.....	.70

**RAFFIA.** Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5-lb. lots, per lb., 72c; 10-lb. lots, per lb., 70c; 25-lb. lots, per lb., 68c; 100 lbs., per lb., 66c. Bale lots (about 225 lbs.), per 100 lbs., \$64.00.

**Dyed**—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

Above prices subject to change without notice.

## SPHAGNUM AND SHEET MOSS



**SPHAGNUM MOSS.** Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

**Burlapped Bales.** (45x14x16 inches). F. O. B. Wisconsin Points. For carloads, write us.

Prices Subject to Change Without Notice.

	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales.....	Each, \$1.50	
6 to 10 bales.....	" 1.40	Each, \$1.30
11 to 24 bales.....	" 1.35	" 1.25

New York Prices 35c per bale higher. Cartage Free.

**Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc.** Per sack, \$1.45; 5 sacks, \$6.75.

Order Early, as the Above Prices are Expected to Advance



# Pots, Tubs, Vases, Wheelbarrows

Prices on pots subject to change without notice



## IMPROVED NEPONSET PAPER FLOWER POTS.

The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.55	\$ 3.60	\$ 3.75	1,000	10 lbs.
2½	.60	3.70	3.90	1,000	12 lbs.
2½	.70	3.95	4.10	1,000	16 lbs.
3	1.10	4.60	4.80	1,000	24 lbs.
3½	1.15	5.90	6.10	1,000	34 lbs.
4	1.30	7.20	7.20	500	46 lbs.
5	1.85	9.65	9.65	500	74 lbs.
6	2.40	12.50	12.45	500	102 lbs.

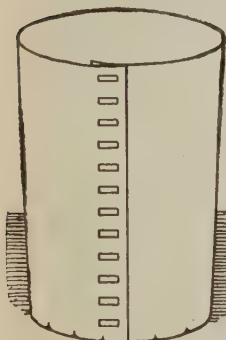
## FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate	Lots Only	No. of Pots in Crate	Price per 100	
2 in.	1,500	\$ 9.60	6 in.	117	\$ 6.85
2½ in.	1,200	12.35	7 in.	99	11.35
3 in.	800	15.95	8 in.	50	16.25
4 in.	360	2.85	9 in.	28	24.95
5 in.	240	4.95	10 in.	24	33.50
			12 in.	6	68.00

**NEPONSET GREEN POTS—For Growing.** This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.



Cloverset Plant Pots

Size	per Case	per Carton	Carton
	Quan.	Shipping Wt.	Price per
2 inch	1,000	14 lbs.	\$ 6.75
2½ inch	1,000	16 lbs.	6.95
2½ inch	1,000	22 lbs.	8.00
3 inch	1,000	28 lbs.	9.35
4 inch	500	26 lbs.	6.50
5 inch	500	44 lbs.	9.25
6 inch	500	62 lbs.	12.40

## BULB PANS

Size	Doz.	Per 100
5 inch	\$0.95	\$4.95
6 inch	1.10	6.85
7 inch	1.95	11.35
8 inch	2.60	16.25
10 inch	4.60	33.50

## CLOVERSET PLANT POTS.

An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much

handling; made in four sizes, packed 100 to a carton.

## STANDARD HEAVY WEIGHT CLOVERSET POTS

No.	Height	Top Diameter	Bot. Diameter	Wt. Per 100	F.O.B. Chicago	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0	5 inch	5 inch	4½ inch	35 lbs.	\$2.70	\$24.25	\$22.50
1	6½ inch	6 inch	5½ inch	52 lbs.	4.50	38.60	35.00
2	9½ inch	7 inch	6½ inch	77 lbs.	5.25	44.00	40.00
3	9 inch	8 inch	7½ inch	88 lbs.	5.60	49.50	45.00

## SPECIAL LIGHT WEIGHT CLOVERSET POTS

No.	Height	Top Diameter	Bot. Diameter	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0	5 inch	5 inch	4½ inch	15 lbs.	\$2.25	\$20.00	\$18.50
1	6½ inch	6 inch	5½ inch	18 lbs.	3.25	29.00	27.50

## A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	\$ 6.25
255	6½ in.	5½ in.	12 in.	8.25
257	6½ in.	5½ in.	15 in.	9.25
57	5 in.	3½ in.	5 in.	5.25
59	6½ in.	5½ in.	7 in.	6.75
65	7½ in.	6½ in.	8 in.	7.75
66	9 in.	7½ in.	10 in.	9.50
68	9 in.	7½ in.	12½ in.	11.40
69	9 in.	7½ in.	18 in.	12.75
70	9 in.	7½ in.	24 in.	15.60



Galv. Vase

## AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch	117	9 inch	28
7 inch	99	10 inch	24
8 inch	50	12 inch	6



## A. B. C. DIRT BANDS



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton; special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1½x1¼x2¾	12 lbs.	\$2.40	\$2.15 per 1,000
2 x2 x2	10 lbs.	2.25	2.00 per 1,000
2 x2 x2½	13 lbs.	2.50	2.25 per 1,000
2½x2½x2½	15 lbs.	2.75	2.45 per 1,000
3 x3 x3	22 lbs.	3.10	2.75 per 1,000
4 x4 x3	26 lbs.	3.75	3.40 per 1,000

## FLOWER TUBS.

"Richmond Style." These are made of

best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

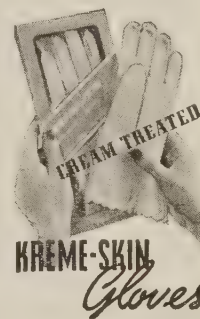


No.	Inside Top Diameter	Depth Inside	Price, Each	No.	Inside Top Diameter	Depth Inside	Price, Each
No. 1.	7 in.	6 in.	\$0.70	No. 9.	14 in.	13 in.	\$1.85
No. 2.	7 in.	7 in.	.75	No. 11.	16 in.	15 in.	2.10
No. 3.	8 in.	8 in.	.80	No. 13.	18 in.	17 in.	2.95
No. 5.	10 in.	9 in.	.95	No. 14.	19 in.	18 in.	3.50
No. 7.	12 in.	11 in.	1.20				

If handles are required, add 45c per tub.

## Kreme Skin Gloves

Made from soft and select hides. Semi-styled in design and used for both work and play—Gardening, Household, Driving, etc. Give full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladies' sizes only (small, medium, large). Price, \$1.00 per pair; doz. pair, \$9.00.

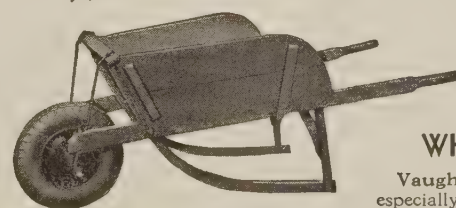


KREME-SKIN Gloves



## FILM GLOVE.

The new amazing lotion, greaseless, non-alcoholic, to protect your hands in the garden; for housework, factory, garage, etc. Apply liberally on hands and nails, allow to dry for an invisible stain; washes off with soap and water. Price, 3 oz. bottle, 40c; doz. \$3.20; 8 oz., 80c; doz., \$6.40; 16 oz., \$1.40.



## WHEEL-BARROW

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$10.50.

Equipped with a pneumatic tire and ball bearing wheel. Price, \$17.95. Shipping weight, 55 lbs.; with rubber wheel, 67 lbs.



## Labels for Plants Pots and Gardens

**ZINC TREE LABELS.** For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure  $3\frac{3}{4} \times \frac{3}{4}$  inches. Price per 100, \$1.50.

**COPPER LABELS.** Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

### EVERLASTING ZINC LABEL. A



permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 60c; 500 for \$2.25.

**LABELS (Pot).** We carry the best quality of Wood-



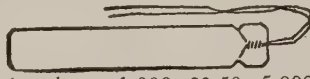
en Labels made. They are smooth, strong and neat,  $\frac{5}{8}$  inch wide. When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.75	\$2.10
5-inch.....	1000	1.95	2.35
6-inch.....	1000	2.15	2.65
8-inch.....	500	2.90	3.85
10-inch.....	500	3.95	4.85
12-inch.....	500	4.95	5.85

### GARDEN STAKES

8-inch— $\frac{7}{8}$ inch wide.....	250	4.85	5.85
10-inch— $\frac{7}{8}$ inch wide.....	250	5.85	6.85
12-inch— $1\frac{1}{8}$ inch wide.....	1000	7.75	9.75

**LABELS (Tree).** Wooden,  $3\frac{1}{2}$  in., wired. Per 1000, plain, \$2.00; 5,000 to 9,000, per 1,000, \$1.95; 10,000 or more, per 1,000, \$1.85; painted, per 1,000, \$2.50; 5,000 to 9,000, per 1,000, \$2.45; 10,000 or more, per 1,000, \$2.40.



**WEATHER-PROOF PENCILS.** For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



**GARDEN CHIEF MARKERS.** Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, put up in display carton of 12 markers, price 50c; per doz. pkgs., \$3.80; 18 inch marker, 25 for 95c; 100 for \$3.25.

**GARDEN CHIEF TREE OR SHRUB MARKER.** 4-inch copper wired. Per 100, for \$1.75; 500, for \$8.00.



**SIEVES.** For sifting soil. 18 inches in diameter, all sizes mesh from  $\frac{1}{8}$  to  $\frac{1}{2}$  inch. Each, \$1.60. Three for \$4.35.



### A New Weatherproof METAL PLANT MARKER

USE A PENCIL - No fade-out of your markings. Beauty, Strength, Permanence. Made of metal; green baked enamel finish. Slip-over fool-proof metal cap with non-shatterable transparent window. Stake 7" long; ample white marking space  $2\frac{1}{2} \times 1\frac{1}{2}$ ".



12 markers.....	\$0.90
25 markers.....	1.75
50 markers.....	3.35

### NEW STEEL WHITE CAP GARDEN MARKER.

The 9-inch double wire stickers are capped with a durable white zinc tablet  $\frac{5}{8}$  inch wide,  $2\frac{5}{8}$  inch long. This name tablet is removable, either side may be written on; just bend the folded ends back, reverse and fold ends over securely. Lead pencil

marks stay on for years, yet can be erased if desired. Price, doz., 50c; 30 for \$1.00. Extra tablets, 55c per 100.

### SEED FLATS

Made from clean cypress, knocked down, put up in bundles of ten flats each.

	Inside Dimensions	Per Bundle of 10
No. 2	$22\frac{3}{8} \times 15 \times 2\frac{3}{4}$ inches.....	\$2.75
No. 1	$20 \times 14 \times 2\frac{3}{4}$ inches.....	2.40
No. 2-A	$22\frac{3}{8} \times 15 \times 3\frac{3}{4}$ inches.....	2.90
No. 1-A	$20 \times 14 \times 3\frac{3}{4}$ inches.....	2.75

## PLANT STAKES—A Full Line

### CANE STAKES.

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.45; 500 for \$6.00; per 1000, \$11.00; If shipped from New York, per 100, \$1.75; 500 for \$7.75. per 1,000, \$13.50. Special price on larger lots on application.

### Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago		F. O. B. New York	
	Per 100	Per 1000	Per 100	Per 1000
1 $\frac{1}{2}$ feet.....	\$0.85	\$4.65	\$0.75	\$4.75
2 feet.....	1.10	5.90	1.00	6.20
2 $\frac{1}{2}$ feet.....	1.25	7.85	1.10	8.25
Natural. 6 ft.....	2.25	16.50	.....	17.00
3 feet.....	1.50	8.75	1.30	9.00
3 $\frac{1}{2}$ feet.....	2.00	9.45	1.75	10.00
4 feet.....	2.25	10.75	2.00	11.25

Write for price in bale lots.

**Pipe Stems,** 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for \$1.35; 500, \$4.75; 1,000, \$8.00.

Write for price on green painted light and heavy wood stakes.

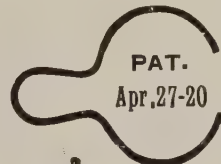
**Heavy Tonkin Stakes, Natural Colors.** Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B.	
		New York	Chicago
4 ft.	$\frac{1}{2}$ to $\frac{5}{8}$ inch.....	\$7.75	\$7.50
4 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	8.25	8.00
5 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	9.00	8.50
6 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	10.00	9.50
8 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	11.50	11.00

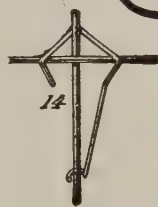
**Galvanized Steel Wire Stakes.** Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 3%; 6,000 or more, 5% from 1,000 price. Write for prices on shorter or longer stakes.

No. of Gauge— No. 9 Wire	No. 8 Wire					
	Per 100	Per 500	Per 1000	Per 100	Per 500	Per 1000
3 ft.....	\$1.80	\$ 8.25	\$14.60	\$2.25	\$10.75	\$17.75
4 ft.....	2.15	9.75	17.25	2.75	12.25	22.00
5 ft.....	2.75	13.00	23.75	3.50	15.50	25.75
6 ft.....	3.25	14.75	26.75	4.20	16.75	29.95

**PLANT TIES Lighting Wire.** Per box of 1,000, \$2.00; 5 or more boxes, \$1.95 per box. Shipping weight per box, 2 lbs.



**LIP, Blake's New Loop Lever.** For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip.



Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

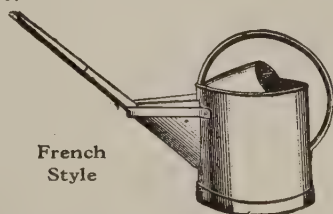


**STAKE FASTENERS.** Everlasting, packed 500 to a box, per box, \$1.30; 10 boxes or more, \$1.20 each.

**GRAFTING WAX.** Per  $\frac{1}{4}$ -lb. bar, 20c;  $\frac{1}{2}$ -lb. bar, 30c; 1 lb., 55c.

### EVER READY SMUDGE STOVE.

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Ea. 35c; dozen, \$2.80; 36 Smudge Stoves for \$8.00.



French Style



**WATERING POTS. American.** Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$5.65; 6-qt., \$6.10; 8-qt., \$6.65; 10-qt., \$7.25; 12-qt., \$7.95.

**French Style.** Oval, otherwise same make as above. 6-qt., \$6.75; 8-qt., \$7.25; 10-qt., \$7.95; 12-qt., \$8.85.



# Rubber Hose, Couplers, Nozzles, Etc.

## Vaughan's 3/4" Water Hose

This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length.

5/8 in. Single Braid Hose. Price per 50 ft. length \$4.50.



Price 3/4 or 1/2-inch couplings 25c per set; sample mailed free if desired.

**SPRAY HOSE.** For high pressure spraying. 3/8-in., per ft., 26c; 1/2-in., per ft., 30c.

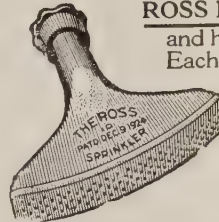
**HOSE COUPLING, Improved Ever-Tight.**

No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., \$6.00.

**HOSE STRAPS, Caldwell.** For 1/2, 3/4 and 1-in. hose. Doz., 40c; gross, \$3.75.

**HOSE WASHERS.** 3/4-inch. Doz., 10c; gross, 50c.

**ROSS No. 10 SPRINKLER.** Is preferred by growers and home owners; capacity seven gallons per minute. Each, 85c; doz., \$9.00.



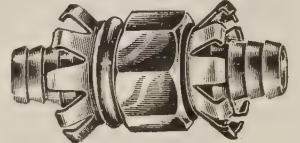
**Paradise Syringing Nozzle.** 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35c.

**PLASTIC CLINCHER HOSE COUPLING**

Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35c; doz., \$3.60.



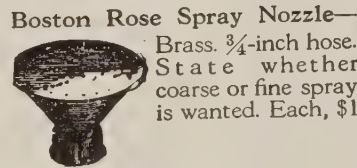
**Plastic Clincher Hose Mender**  
Price each, 15c; doz., \$1.20.



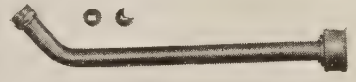
**GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.**



Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75c; per doz., \$6.00.



**Boston Rose Spray Nozzle—** Brass. 3/4-inch hose. State whether coarse or fine spray is wanted. Each, \$1.45; by mail, \$1.55.



## PRUNING TOOLS

**SAWS (Atkins) Double-Edged Pruning.**

Ceiling Price  
16-in.. \$1.50  
18-in.. 1.65  
20-in.. 1.80



**TRIMMER, California Pole.** Curved, draw-cut saw with crook for removing branches. Each, \$2.50; 3 for \$7.25.

**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.35; 3 for \$6.75.

**Utility Speed Pruning Saw.** Length 26 inches, curved blade. Each, \$4.25.



**SHEARS, Pruning.** 6-in., \$1.75; 9-in., with ratchet, American made, best quality, \$1.85. Extra springs, ea., 15c.

**PORTER'S PROFESSIONAL PRUNING SHEAR.** A high grade shear tempered steel blade, 9 inch. Each, \$3.50.

**AMERICAN FULL POLISHED.** Pruning shear 9 inch with brass springs, each \$2.00.



**Snap Cut Pruner.** Full polished. Each, \$2.10.



**CLYDE DRAW CUT PRUNER.** No. 5402 heavy duty pruner, 24 inch reinforced handles, each \$3.50. Buckeye Pruners No. 5406, 20 inch handles, each \$1.60; 24 inch handles, each \$1.95.



**THE PORTER POINTCUT PRUNER**  
Light in weight, 2 1/2 lbs., 20 inches long. Easy to use in close places. Price, \$5.00.



**FORESTER PRUNERS**

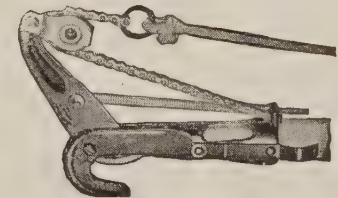
No. 1—20 inches long, designed for the fruit grower. Each, \$5.00. Weight, 21bs. 10 oz.  
No. 2—27 inches long, has a capacity up to 1 1/2 inch in green wood. Price, \$6.25. Weight, 4 lbs. 10 oz.  
No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, \$7.25.

**IMPROVED TELEPHONE PRUNER.** A

strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1 1/2-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.75. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$11.50. No. 12 Pruner head only, \$6.50. Price complete with head pole and two 6-ft. extension poles, \$18.00.

**TREE PRUNERS.** Waters' 6-ft., \$2.10; 8-ft., \$2.50; 10-ft., \$2.75; 12-ft., \$3.10. Extra blades, each, 30c.

**No. 4 Jointed Tree Pruner,** 12 ft., in three 4-ft. sections. Each, \$8.75.





# Lawn and Garden Supplies

## ROSS SQUARE SPRAY HEADS



It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for 1/2-inch pipe, capacity 3 3/4 gals. per minute. Has a slotted adjusting screw to control the area of the spray. No. 54A. Price, per doz., \$7.20.

## THE EVANSTON SPRINKLER



One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. Each, 90c.

**Soil Soaker Irrigation** hose for deep soaking. No. 0—12 ft., each, \$1.15; six for \$5.75. No. 1—18 ft., each, \$1.50; six for \$7.90; No. 2—30 ft., each, \$2.25; six for \$11.90; No. 3—50 ft., each, \$3.50; six for \$19.50.



## VITAMIST

Vitamize as you sprinkle. A small Vitamin cartridge does the trick. Simply remove the nozzle from your hose, drop a Vitamist cartridge into the hose, replace the nozzle and turn on the water. Adjust it to a fine spray and sprinkle the Vitamin over any part of your lawn and garden. One cartridge will vitamize about 1500 square feet, a space about 30x50 feet. It takes about six minutes to dissolve the entire cartridge. Package of 30 cartridges retails at \$1.00; price per display carton of 13, \$8.00.



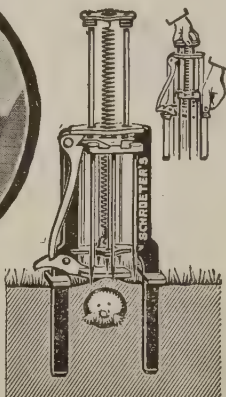
## BERGMAN LAWN MOWER SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, \$1.00



## MOLE TRAP

Improved with patented setting attachment. One of the best mole and gopher traps. Each, \$2.00.



Mole Trap



## WATER WAND

Watering shrubs, flowers and trees is a simple job with Water-wand; no danger of washing away the rich top soil. Each, \$2.50.

## GETZ WEED GUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, \$1.75. Killer Kemical, pint, 30c; gal., \$1.75.

## "HERBICIDE" THE WEED EXTERMINATOR



For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., 50c; gal., \$1.50; 5 gals., \$6.00; 10 gals., \$10.00; 55 gals., \$35.00.

**MEO-181** A specific eradicator for dandelions, plantain, crab grass, and other common weeds; apply with a sprayer in a fine mist. Per gal., \$1.55; 5 gals., \$7.25. (Write for price in drums.)



## ZOTOX CRAB GRASS KILLER

An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, \$1.00; doz., \$7.20; 16 oz., \$1.50; doz., \$10.80; 5 lb., \$4.50.



## VAUGHAN'S Subsurface IRRIGATOR

For trees, shrubs, and flowers; irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorbable. This irrigator is adaptable to most types of soluble fertilizer devices, so you can fertilize as you irrigate. Standard model, \$2.50.



Springfield Lawn Sweeper

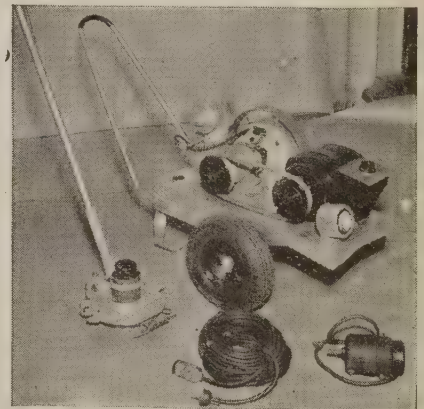
This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner; Width, 22 inches. Always designate Rakes or Brushes when ordering. Each, \$34.00; 28 inch, \$44.00; with [caster wheels, \$48.00.

## O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the entire cost of a complete outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O.K. Trimmer can do as much work as eight to ten men using sickles.

DeLuxe Outfit. . . . . \$190.00  
Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.  
Extra trimmers, \$23.00 each. Large base cutter, \$28.00.



## O. K. POWER PLANT

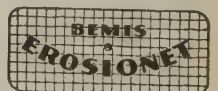
O. K. Heavy duty Hedge Trimmer. . . . . \$15.00  
O. K. Jr. Hedge Trimmer. . . . . 8.85

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

## Use Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces

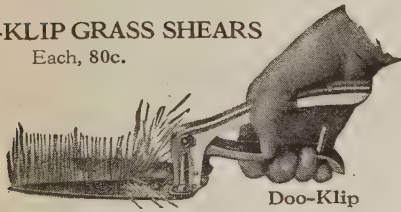
Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 11 1/2c; 100-yd. lots, 11c per yd.; rolls of 250 yds., 10c per yard.





# Tools and Garden Equipment

**WISS-KLIP GRASS SHEARS**  
Each, 80c.

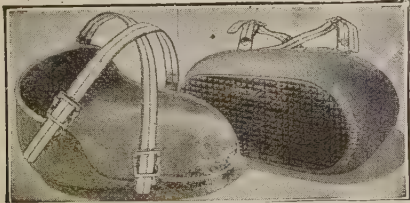


Doo-Klip

**SILVER SWEEP  
LAWN RAKE**



Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11½ to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.25 each. Dealer's price, doz., \$9.60.



**KNEE PADS**

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.65; 3 for \$4.50.

**THE GARDENADE**

Combines a kneeling pad and a convenient rack for your garden tools. The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort. Can also be used in the home when it is necessary to kneel, cleaning floors, etc. Price, each, \$2.95; 3 for \$7.50.

**METAL LAWN SIGNS**

These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3¼x12 inches. Colors, green on white and black on white. Sign wordings—Please-Seeded—Keep off Grass. Signs with stakes, each, 35c; six for \$1.50.



**PLANTING TOOLS  
HOLE-IN-ONE**

The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. Short handle, each, 50c; three for \$1.35. Long handle, each \$3.85.



**EARTH AUGER**

Used to bore holes to feed trees. 2 inch size with 6 inch twist, length 40 inches Each, \$3.50.

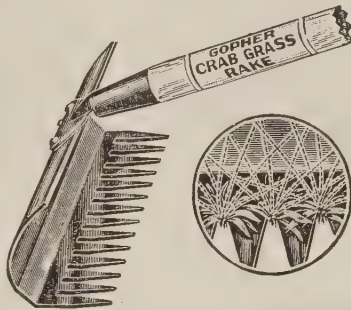
**HANDY ADJUSTABLE  
LAWN RAKE**



An all-purpose lawn rake. Depth gauges adjustable, makes rake pull easily over soil without pulling up sod; made of high carbon steel. 5 ft. ash handle. Ceiling price, each \$1.75.

**HANDY CRAB BRASS RAKE**

This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses; it will also pull out any weed that clings close to the ground. Each, \$1.50.

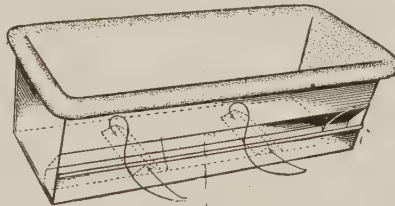
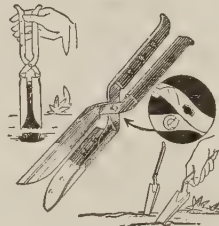


**HOE Garden Scuffle or Push.** 7-inch, \$1.35; with 5 ft. handle.



**GARDEN GADGET**

Can be used as a transplanter for planting bulbs and small plants, also as two separate trowels. Each, 65c; postpaid, 75c.



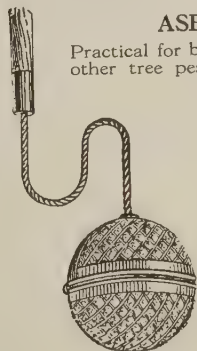
**PERFECTION SELF WATERING**

Window boxes, made of metal painted in attractive green finish.

26 inches.....\$2.50  
30 inches.....2.95  
36 inches.....3.75  
44 inches.....4.50

**ASBESTOS TORCH**

Practical for burning caterpillars, worms and other tree pests. It is a black lined ball, filled with asbestos fibre, so constructed that it can easily be attached to any pole. Dip the torch in kerosene and light. Ea., 50c; 3 for \$1.35.



**SIEVES** For sifting soil. 18 inches in diameter, all sizes mesh from ½ to ¼ inch. Each, \$1.60.



**KEMP IMPROVED  
POWER SOIL SHREDDER**

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

**KEMP POWER SOIL SHREDDER No. 6**

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

**SPECIFICATIONS**

Length.....38"  
Width.....22"  
Height at discharge end.....36"  
Height at hopper.....33"  
Weight.....200lbs.  
Power.....½ H.P.  
Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$100.00  
(F. O. B. Erie, Pa.)

Write for prices on other sizes.

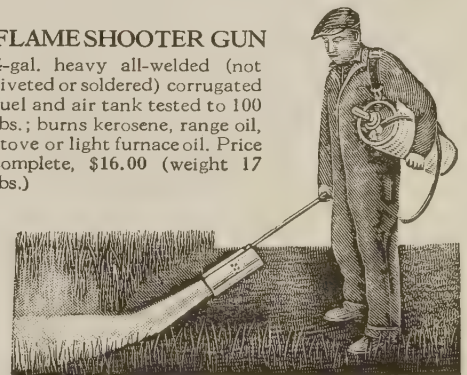
**KEMP SOIL SHREDDERS**

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord.....\$200.00  
No. 5 powered with 1 H. P. Briggs and Stratton gas engine.....210.00  
No. 51 less engine or motor.....165.00  
No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord.....275 00  
No. 1 complete without motor or engine....205.00  
No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....195.00  
No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....405.00  
No. 2 complete without motor or engine....300.00  
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....290.00

**Note:** Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

**FLAMESHOOTER GUN**

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$16.00 (weight 17 lbs.)





# Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

● The ceiling prices given below on this page are those in effect at the time this catalogue goes to press. Should increases in these ceiling prices be authorized by the Office of Price Administration, we reserve the right to increase our ceiling prices in accordance with such authorization. Should changes in formulas be ordered by the government authorities, then where necessary the formulas offered below will be changed in accordance with such regulations.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of prod-

ucts more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

**Victory Garden Special 3-8-7** Contains some Chemical Nitrogen, can be resold for Victory Gardens for food production only. Will be packaged as follows; 5 lbs., 10 lbs., 25 lbs., 50 lbs., 100 lbs. As we go to press with our catalog, prices have not been announced. Our prices will be competitive.

\***Vaughan's Balanced Plant Ration. (5-8-7)** This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a **money-maker**. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

**Adco. Artificial Stable Manure.** Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb. bag is enough for 12 wheelbarrow loads of waste, making 1/2 ton of manure. Ceiling prices, 7 1/2-lb. bags, each, 85c; doz., \$8.40; 25 lbs., \$2.00; 150 lbs., \$10.50. Instructions with each bag.

\***Agrico.** For lawns, trees and shrubs, 7-7-5. Ceiling prices, 25 lbs., \$1.00; 50 lbs., \$1.70; 100 lbs., \$2.75. For gardens 4-10-4, 25 lbs., 93c; 50 lbs., \$1.57; 100 lbs., \$2.50.

\***Aluminum Sulphate.** For creating acid condition in the soil. Ceiling prices, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.

**Bone and Blood.** Tankage, Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$58.00.

**Cotton Seed Meal.** Ceiling prices, 100 lbs., \$4.00; 500 lbs., \$18.00.

**Davidges' A-1 Fertilizer (Special).** Grows strong and long keeping plants and blooms. It is not a stimulant but a steady nourisher. Ceiling price, 100 lbs., \$6.75.

**Dried Blood.** 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Ceiling price, 100 lbs., \$7.50.

**Electra Fertilizer.** Ceiling prices, 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.75. F. O. B. Massachusetts.

\***Fairway Grass Food.** Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. Ceiling prices, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00. Write for quantity prices.

**Crystal Urea.** A highly concentrated inorganic fertilizer containing 46 percent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Ceiling prices, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75.

**Hardwood Ashes.** Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Ceiling prices, 100 lbs., \$2.75; 1000 lbs., \$22.00; 2000 lbs., \$42.00.

**Horn Shavings.** Synthetic. Quick-acting and lasting. Ceiling prices, 50 lbs., \$6.00; 100 lbs., \$11.00.

**Horn Dust.** Has same effect as Horn Shavings except it is immediately available. Ceiling prices 100 lbs., \$6.50; 500 lbs., \$30.00.

**Hydrated Lime.** For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Ceiling prices, 50 lbs., \$1.00; 1000 lbs., \$8.50; 2000 lbs., \$16.50.

\***Hyponex.** Ceiling prices, 3-oz. size, packed 36 to carton, retails at 25c each. Per carton, \$6.00; 1-lb. size, retails at \$1.00, packed 12 to carton. Price per carton \$8.00; 10 lbs., \$5.35; 25 lbs., \$10.00.

**Vaughan's Special Rose Grower Bone Meal.**

"Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$55.00.

**Quantity Required.**—For permanent pasture and mowing lands, 1/2 to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

**REGULAR GRADE BONE MEAL.** Ceiling prices, 100 lbs., \$3.00; 1000 lbs., \$28.00; 2000 lbs., \$53.00.

**Raw Bone.** Coarse. This material appeals to every florist who has used it. Ceiling prices, 100 lbs., \$3.50; 1000 lbs., \$32.50; ton, \$60.00.

**Humus.** Recommended for top-dressing or use on heavy clay soils. Ceiling prices, 100 lbs., \$1.00; ton, \$18.00.

**Kem**

TRADE MARK - PATENTS PENDING

\*Kem has proven itself a complete balanced plant food. Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplantings made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. Ceiling prices, 25c size, 24 to case, \$4.00 per case; 50c size, 12 to case, \$4.00 per case; \$1.00 size, 4 to case, \$3.50 per case; \$4.25 size packed separately, \$2.83 each; 50-gal. barrel, \$11.25.

**Leaf Mold.** Ceiling prices, 100 lbs., \$2.00; 1000 lbs., \$17.50; 2000 lbs., \$32.00.

**Loma** A scientifically prepared plant food for flowers, vegetables, and potted plants. For growing purposes only. Specify this when ordering. Ceiling prices, 100-lb. bag, \$2.90; 500 lbs., \$14.50; 1000 lbs., \$29.00; 2000 lbs., \$58.00; 300 lbs. or more delivered free to your railroad station within 500 miles of New York.



**Loma-O** A balanced plant food containing organic nitrogen, phosphoric acid and potash, can be resold for use on lawns, gardens, and ornamentals, in the following sizes, 1 lb. 24 to a case; 5 lbs. 12 to a case; 10 lbs. 6 to a case; 25 lbs. 4 to a bag; 50 lbs., 2 to a bag; 100 lb. bags, as we go to press with our catalog price has not been announced. Our prices will be competitive.

**Muriate of Potash.** Should be used liberally, especially for all root crops. Ceiling prices, 100 lbs., \$3.00; 1000 lbs., \$23.00; ton, \$45.00.

**Peat Moss Granulated.** A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. Ceiling prices, Bale, about 22 bushels, \$3.50; 5-bale lots, \$3.25 each; 1/2 bales \$2.25 each. Write for quantity prices.

**Peat, Orchid.** Fern roots; very useful for Orchids and Azaleas. Ceiling price, \$2.25 per sack of two bushels; 5-sack lots, \$2.10 per sack.



\***Plantabbs.** Fast selling, well advertised plant food tablet. Contains Vitamins B1, B2, B6, B12, C, E, K, and P. Ceiling prices, 10c size at 72c a doz.; 25c size at \$2.00 a doz.; 50c size at \$4.00 a doz.; \$1.00 size at \$8.00 doz.; \$3.50 size at \$2.35 each. LESS 5% Discount on order of \$6.00 up to \$12.00. 10% Discount on order of \$12.00 and over.

**Poultry Manure.** Use it to enrich the soil for flowers, shrubs, lawns and garden. Ceiling prices, 100 lbs., \$2.75; 500 lbs., \$10.00; 1000 lbs., \$18.00; 2000 lbs., \$35.00.

**Pulverized Limestone.** Ceiling prices, 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$16.00.

We are not responsible for loss of weight due to evaporation of any fertilizers.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

\*On all items marked with an asterisk there is a limited quantity on hand and no more can be had for the duration after present stocks are exhausted.

These prices are subject to change without notice.



# Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

**Sheep Manure.** Wizard Brand. This is a pure, natural Manure, and the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Ceiling prices, 100 lbs., \$2.15; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

**Swedex Peat Moss.** 25 times finer than Regular Peat Moss. Ceiling prices, bale of about 150 lbs., each, \$5.50; 5 bales or over, \$5.00 per bale.

**Shredded Cow Manure.** Wizard Brand. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Ceiling prices, 100 lbs., \$2.25; 1000 lbs., \$21.00; 2000 lbs., \$40.00.



**\*Stimuplant.** A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case. Ceiling prices, 60c; 25c size put up in counter display case, 10 to a case, \$1.50; 75c retail size at 45c; \$2.50 retail size at \$1.50; \$3.50 retail size at \$2.10.

**\*Driconure.** Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, safe and easy to use. 50 lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. Ceiling prices, 50 lb. bags, 1 to 10 bags, \$1.65 each; 10 to 20 bags, \$1.50 each; ton, \$55.00.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

\*On all items marked with an asterisk there is a limited quantity on hand and no more can be had for the duration after present stocks are exhausted.

**\*Sulphate of Potash 48%.** Ceiling prices, 100 lbs., \$4.00; 500 lbs., \$18.00; 1000 lbs., \$35.00.

**Super Phosphate.** 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Ceiling prices, 100 lbs., \$2.00; 1000 lbs., \$14.00; 2000 lbs., \$26.00.

**\*Tree Food** (10-8-6) Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. Ceiling prices, 100 lbs., \$3.50; ton, \$60.00.

**Vigoro** A specially prepared plant food. It contains all elements plants need for healthy growth. Because it is a complete plant diet, it is really more economical than incomplete waste or by-product materials. Good plant food for commercial growers. When ordering specify for growing purposes. Price, 100 lbs., \$2.75; 300 lbs., or more, delivered free to your railroad station within 500 miles of New York.



**Vigoro A.** A prepared plant food, containing permissible nitrogen units, this is a balanced mixture that can be resold for general gardening, lawns and ornamentals. Put up as follows: 100 lb., 50 lb., 25 lb. bags, 10 lb. pkgs, 6 to a case; 5 lb. pkgs, 14 to a case; 1 lb. pkgs, 32 to a case. Price on Vigoro A has not been announced as this catalog goes to press, however our prices will be competitive.

We are not responsible for loss of weight due to evaporation of any fertilizers.

## HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is available. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin



of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.

Size of Pkgs. in B. T. I. Units	Price per Package
20.....	\$ 0.50
60.....	1.00
240.....	2.50
480.....	4.50
960.....	8.00

All Postpaid.

**Hormodin Powder** Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

No. 1 Powder 1 3/4-oz. tin, each, 50c; lb., \$3.00. No. 3 Powder 1-oz. tin, each, \$1.00; lb., \$4.50.

No. 2 Powder 1 3/4-oz. tin, each, 75c; lb., \$4.50.

## ROOTONE

PATENTS PENDING



A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/4-oz. pkt., 25c; doz., \$2.00; 2-oz., jar, enough to treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet, all postpaid.

**Transplantone** For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1/2 oz., pkt., each, 25c; doz., \$2.00; 1 oz., 50c; doz., \$4.00; 3 oz., \$1.00; 1 lb., \$4.00.

**Fruitone.** The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2 1/2 oz. pkt. dozen, \$2.00, retails at 25c per pkt.; 2 oz., \$1.00, (makes 25 gal. spray); 12 oz., \$5.00. Write for price on larger quantities.

**Mackwin Vitamin B1.** The bottle has a dropper top. 2-oz. bottle, each \$1.00; display box of 12 bottles, \$7.80.

A display card of 24—1/2 oz. bottles of liquid vitamin B1. Price \$5.30; retails at 35c each.

## Mackwin Vitamin B1 SALEM SPREADERS

For Lawns, Gardens, Parks, and Golf Courses.

Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle.

Salem. 16 in. each, \$3.50; 20 in., each, \$6.00; 30 in., each, \$11.50.



### MASTERS

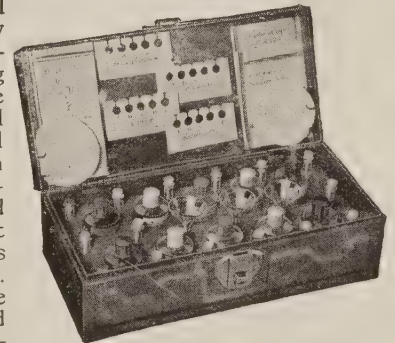
36-inch size equipped with double disc wheels.

18-inch size \$9.90  
24-inch size 12.75  
36-inch size 19.75

## Soil Testers

The Sudbury Horticultural Soil Test Kit, \$9.75

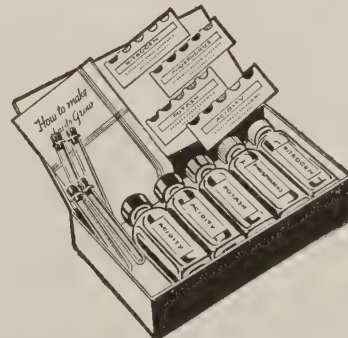
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

**The Sudbury Professional Soil Test Kit**—Contains enough material for 200 individual tests. Price complete with instructions, \$18..50

The Sudbury Home Gardener's Soil Test Kit, \$1.50



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

**The Sudbury Home Gardener's Soil Kit.** Complete with instructions and table of plant needs, \$1.50.

**Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

**New Club Model Kit.** An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$3.85.





This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

# Larger Profits In Quality Seed

Bags Included on All Grass, Gross for Net

## FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. Order early and avoid transportation difficulties.

**KENTUCKY BLUE GRASS.** Our blue grass is all re-cleaned to fancy purities with low weed content and is of high germination.

**Fancy.** Purity 85%. Full bags (112 lbs.), \$19.00 per 100 lbs.; less than 112 lbs., 20c per lb.; 10 to 25 lbs., 21c per lb.

**Standard.** Purity 80%. Full bags (112 lbs.), \$18.50 per 100 lbs., less than 112 lbs. 19½c per lb.; 10 to 25 lbs., 20½c per lb.

**Extra Fancy Seed.** Purity about 92%. Full bags (112 lbs.), \$21.50 per 100 lbs.; less than 112 lbs., 22½c per lb.; 10 to 25 lbs., 23½c per lb.

**Refined Suncured Seed.** Purity 98%. Full bags (112 lbs.), \$24.00 per 100 lbs.; less than 112 lbs., 25c per lb.; 10 to 25 lbs., 26c per lb.

**RED TOP, Refined.** Extra Re-cleaned Purity 97 to 98%. Full bags (100 lbs.), \$12.50 per 100 lbs.; broken bags, 13½c per lb.; 10 to 25 lbs., 14½c per lb.

**Extra Fancy.** Purity 95%. Full bags (100 lbs.), \$11.50 per 100 lbs.; broken bags, 12½c per lb.; 10 to 25 lbs., 13½c per lb.

**Fancy.** Purity 92%. Full bags (100 lbs.), \$10.75 per 100 lbs.; broken bags, 11¾c per lb.; 10 to 25 lbs., 12¾c per lb.

## CLOVER, White Dutch.

**Extra Fancy.** \$64.00 per 100 lbs.; less than 100 lbs., 65c per lb.; 10 to 25 lbs., 66c per lb.

**Choice Grades.** \$62.00 per 100 lbs.; less than 100 lbs., 63c per lb.; 10 to 25 lbs., 64c per lb.

**Prime.** \$60.00 per 100 lbs.; less than 100 lbs., 61c per lb.; 10 to 25 lbs., 62c per lb.

Put up in packages of 5 lbs. and less, write for prices.

**PERENNIAL RYE GRASS.** \$16.50 per 100 lbs.; broken bags, 17½c per lb.; 10 to 25 lbs., 18½c per lb.

**RYE GRASS Common, Native Grown.** Full bags (100 lbs.), \$8.50 per 100 lbs.; broken bags, 9½c per lb.; 10 to 25 lbs., 10½c per lb.

**CHEWING'S FESCUE.** Full bags (115 lbs.), \$50.00 per 100 lbs.; broken bags, 52c per lb.; 10 to 25 lbs., 54c per lb.

**CREEPING RED FESCUE.** A variety of fescue seemingly superior to Chewings. 100 lbs. \$65.00; less than 100 lbs., 67c per lb. 10 to 25 lbs., 70c per lb.

**ASTORIA BENT, Certified Blue Tag.** Full bags, (100 lbs.), \$75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 80c per lb.

**Red Tag.** \$73.00 per 100 lbs.; broken bags, 75c per lb.; 10 to 25 lbs., 78c per lb.

**SEASIDE BENT, Certified Blue Tag.** Full bags, \$67.00 per 100 lbs.; broken bags, 69c per lb.; 10 to 25 lbs., 72c per lb.

Ask for quotations on grasses not listed.

## LAWN MIXTURES

**Vaughan's No. 25 Lawn Mixture.** 100lb. bags, \$17.00; 1-lb. cartons (ea., 25c), \$20.00 per 100 lbs.; 5-lb. bags (ea., \$1.15), \$19.00 per 100 lbs.; 10 to 25 lbs., 20c per lb. Retail 35c per lb.

**Vaughan's No. 40 Lawn Mixture.** Intermediate grade. 100 lbs., \$22.00; 1-lb. cartons (ea., 27c), \$25.00 per 100 lbs.; 5-lb. bags (ea., \$1.25), \$24.00 per 100 lbs.; 10 to 25 lbs., 25c per lb.

## Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 60c per lb.) Price, \$36.00 per 100 lbs.; 5-lb. bags (ea., \$2.00), per 100 lbs., \$38.00; 1-lb. cartons (ea., 42c), per 100 lbs., \$39.00. Orders for 10 to 25 lbs., 38½c per lb.

## SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

## Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

## Prices for Chicago Parks Formula Per 100 lbs.

½-lb. carton, each, 17c (Retail for 30c)	} .....	\$29.00
1 -lb. carton, each, 32c (Retail for 50c)		
2 and 3-lb. cartons .....		28.50
5-lb. cartons or bags (each, \$1.50).....		28.00
10 and 15-lb. bags.....		27.50
50 and 25-lb. bags .....		27.00
100 lb. lots.....		26.00
300 lb. lots.....		25.50
500 lb. lots.....		25.00
1000 lb. lots.....		24.00

Lots of 10 to 25 lbs., 28½c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

## Vaughan's Columbian (Shady Place Formula)

½-lb. carton, each, 20c (Retail for 35c)	} .....	Per 100 lbs. \$36.00
1 -lb. carton, each, 40c (Retail for 55c)		
2 and 3-lb. cartons.....		35.50
5-lb. cartons or bags (each, \$1.90).....		35.00
10 and 15-lb. bags.....		34.50
50 and 25-lb. bags.....		34.00
100 lb. lots.....		33.00
300 lb. lots.....		32.50
500 lb. lots.....		32.00

Lots of 10 to 25 lbs., 35½c lb. On Larger Lots Ask For Prices.

## Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retail at 65c per lb.) Price, \$40.00 per 100 lbs.; 5-lb. cartons (ea., \$2.20), per 100 lbs., \$42.00; 1-lb. cartons (each 45c), per 100 lbs., \$43.00. Orders for 10 to 25 lbs., 42½c per lb.

All grass seed net cash, F O. B. Chicago and New York and subject to price change without notice.



# Freshly Packed and Tested Lawn Seed in 1944 for Your Unsold 1943 Stock

## Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1942, and replacement will be made by March 1, 1943.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

### For Your Protection

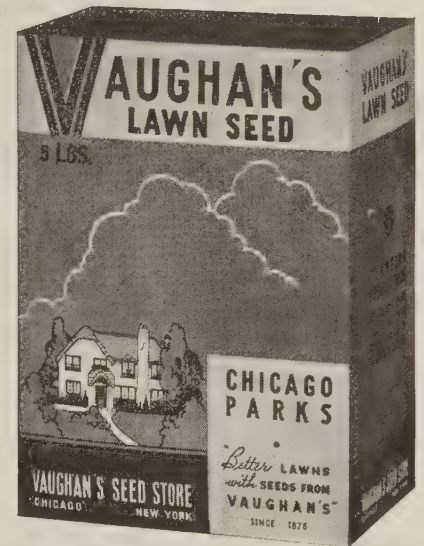
All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

### Vaughan's Chicago Parks Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1	<b>\$15</b>	Retails for \$25.45							
Net Cash F. O. B. Chicago		<table border="0"> <tr> <td>Cartons</td> <td>Ret. Price</td> </tr> <tr> <td>18 1-lb.</td> <td>\$0.50</td> </tr> <tr> <td>Bags</td> <td></td> </tr> <tr> <td>7 5-lb.</td> <td>2.35</td> </tr> </table>	Cartons	Ret. Price	18 1-lb.	\$0.50	Bags		7 5-lb.
Cartons	Ret. Price								
18 1-lb.	\$0.50								
Bags									
7 5-lb.	2.35								



NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

### "Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is enclosed in each carton and bag of the lawn seed mixtures.

### Vaughan's No. 25 Lawn Mixture An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for \$17.00	No. 25. Deal No. 2								
<table border="0"> <tr> <td>Cartons</td> <td>Ret. Price</td> </tr> <tr> <td>12 1-lb.</td> <td>\$0.35</td> </tr> <tr> <td>Bags</td> <td></td> </tr> <tr> <td>8 5-lb.</td> <td>1.60</td> </tr> </table>	Cartons	Ret. Price	12 1-lb.	\$0.35	Bags		8 5-lb.	1.60	<b>\$10</b>
Cartons	Ret. Price								
12 1-lb.	\$0.35								
Bags									
8 5-lb.	1.60								
	Net Cash F. O. B. Chicago								





L. H. VAUGHAN, PRES.

CABLE ADDRESS VAUGHAN, CHICAGO CAROTIDA, NEW YORK

GREENHOUSES AND NURSERIES, WESTERN SPRINGS ILL.

Vaughan's Seed Store

GENERAL OFFICES AND WAREHOUSES 601-609 WEST JACKSON BLVD., CHICAGO

CARL CROPP, V. PRES.

NEW YORK, 47-49 BARCLAY ST.

CHICAGO LOOP STORE 10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. Special 2 percent discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting net cash items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it. PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. DO NOT use the words send, ship or forward—they mean nothing. State distinctly: Mail, Express or Freight.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for cash goods.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for \$2.00; and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

- 25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.
30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.
40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.
10% on special offers and cut-rate collections, none on bulb collections.

None of these seeds are returnable. They are sold outright.

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

TABLE OF CONTENTS

Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

Table listing various plant species and their corresponding page numbers, organized in three columns. Includes entries like Achillea, Amaryllis, Begonia, etc.











# 500 1st Size Glads, 10 Named Varieties, and Display Box



**\$8.00**

Retails for \$16.00

Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

F. O. B. Chicago or New York

**V**AUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) include the show winners Picardy, Maid of Orleans, Dr. Bennett, Dearborn, Margaret Fulton, Giant Nymph, Gold Eagle, Minuet, Pelegrina, Red Phipps—none better known. The price to you is \$8.00 for the box and 500 bulbs of 10 named varieties. You retail them for 40c a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for \$7.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$14.50 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. **Varieties Subject to Change Without Notice.**

## Sell Vaughan's Famous Rainbow Garden of Gladioli (100 No. 3 bulbs)

Each: \$1.50; 10 for \$14.00; 20 for \$27.00; Prepaid 600 Miles.

Retailing at \$2.00, this is an unexcelled leader. It includes 100 bulbs, 10 each of the following varieties, each separately bagged and labeled: Dr. Bennett, red; Mary Shary, yellow; Maid of Orleans, white; Dearborn, orange; Beacon, salmon scarlet; Shirley Temple, white with cream mark; Mrs. T. J. Knudson, blue; Vagabond Prince, smokey; Picardy, pink; Minuet, lavender.

## The Best of the New Cannas

New Cannas are planted each year at Western Springs, also test plantings of the older varieties. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed. We urge all Florists to try the new varieties here listed, best in our trials.

<b>COPPER GIANT.</b> 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial	Per 100	Per 1000
.....	\$7.00	\$60.00

<b>IMPROVED FLORENCE VAUGHAN.</b> 4 ft. The improved type of a fine yellow Canna. Bloom and general appearance very clean looking and showy. Stout stems of green foliage with big golden yellow flowers with fine red dots	7.00	60.00
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<b>THE PRESIDENT.</b> 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant roots	3.75	32.50
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CANNA The President





*Petunia*

*Dwarf California Giants*

VAUGHAN'S BLEND

$\frac{1}{2}$  trade packet, 75c; trade packet, \$1.25;  
 $\frac{1}{64}$  oz., \$2.40;  $\frac{1}{32}$  oz., \$4.40;  $\frac{1}{8}$  oz., \$14.00.